



UNCLASSIFIED

July 1945 through September 1992

DISTRIBUTION STATEMENT A

Approved for public release
Distribution Unlimited

This publication supersedes DOE/NV-209 (Rev. 13), dated May 1993

*AD-A268 155 +
AD-A232 976*

This publication has been reproduced directly from the best available copy.

Available to DOE and DOE contractors from:

Office of Scientific and Technical Information
P.O. Box 62
Oak Ridge, TN 37831
(615) 576-8401

Available to the public from:

National Technical Information Service
U.S. Department of Commerce
5285 Port Royal Road
Springfield, VA 22161

Price: Printed Copy **A05**
Microfiche **A01**

DOE/NK-209-REV-14

United States Nuclear Tests

July 1945 Through September 1992

19950301 064

This document lists chronologically and alphabetically by name all nuclear tests and simultaneous detonations conducted by the United States from July 1945 through September 1992. Several tests conducted during Operation Dominic involved missile launches from Johnston Atoll. Several of these missile launches were aborted, resulting in the destruction of the missile and nuclear device either on the pad or in the air.

On August 5, 1963, the United States and the former Soviet Union signed the Limited Test Ban Treaty which effectively banned testing of nuclear weapons in the atmosphere, the oceans, and space. In 1974 and 1976, the United States and former Soviet Union also signed the Threshold Test Ban Treaty and the Peaceful Nuclear Explosions Treaty, respectively, restricting all nuclear test explosions to yields no greater than 150 kilotons.

On December 7, 1993 and June 27, 1994, the Secretary of Energy declassified information related to previously unannounced nuclear weapons tests; simultaneous detonations associated with nuclear weapons tests; yields of an additional 77 atmospheric tests; and yields of 20 underground nuclear weapons tests that released radioactivity detected off the Nevada Test Site.

Data on United States tests were obtained from, and verified by, the Department of Energy's three weapons laboratories -- Los Alamos National Laboratory, Los Alamos, New Mexico; Lawrence Livermore National Laboratory, Livermore, California; and Sandia National Laboratories, Albuquerque, New Mexico; and the Defense Nuclear Agency. Additionally, data were obtained from public announcements issued by the Atomic Energy Commission and its successors, the Energy Research and Development Administration, and the Department of Energy, respectively.

Test Dates

Time and date for all tests listed in this document were converted from local time to Greenwich Civil Time (GCT). The test date listed is the GCT date for the test.

Test Series

Each series of tests is given a name such as *Operation Crossroads*. United States nuclear tests were conducted on an intermittent basis from June 1946 to October 1958.

On October 31, 1958, the United States entered into a unilateral testing moratorium announced by President Eisenhower with the understanding that the former Soviet Union also would refrain from conducting tests. The Soviet Union resumed testing in September 1961 with a series of the largest tests ever conducted.

On September 15, 1961, the United States resumed testing at the NTS on a year-round basis with Operation Nougat. From that time to the present, tests have been grouped for fiscal and reporting purposes according to the fiscal year in which they took place. For example, fiscal year 1963 tests -- which began July 1, 1962 and extended through June 30, 1963 -- were in the Operation Storax series.

Between April and November of 1962, the United States conducted Operation Dominic, which included the Department of Defense (DoD) Operation Fishbowl high-altitude tests in the Pacific. The DoD also conducted four weapons effects tests at the NTS in July 1962 as Operation Sunbeam.

In 1976, the federal government changed the fiscal year to begin on October 1 and end on September 30. Accordingly, the fiscal year 1976 series, Operation Anvil, did not end on June 30, but was extended through September 30, 1976 -- a period of 15 months.

On October 2, 1992, the United States entered into another unilateral moratorium on nuclear weapons testing announced by President Bush. President Clinton extended this moratorium in July 1993, and again in March 1994 until September 1995.

Test Yields

The nomenclature for test yields varied according to information policy governing specific years. In some cases, no yield information has been released; in a few cases, the terms "very slight" and "slight" were used without amplification. Except for tests where specific yields or relative specific yields such as "about 2 kt," "several Mt," "less than 0.1 kt," etc., were announced, test yields are given in these terms:

1945 through 1963

Low (less than 20 kt)
Intermediate (20 to 200 kt)
Submegaton (less than 1 Mt, but more than 200 kt)
Low Megaton (from 1 to several Mt)
Megaton Range

March 1976

During a series of high-yield tests conducted during this month, two ranges were added, and the 200 to 1,000 kt range was dropped.

200 to 500 kt
500 to 1,000 kt

1964 through February 1976

Less than 20 kt
20 to 200 kt
200 to 1,000 kt

Since March 1976

On March 31, 1976, the former Soviet Union and the United States agreed to limit the maximum yield of underground tests to 150 kt. The yield ranges now reported are:

Less than 20 kt
Less than 150 kt
20 to 150 kt

Test Locations

The first test of a nuclear weapon was in the atmosphere on July 16, 1945, in a remote part of New Mexico on what was then the Alamogordo Bombing Range, and is now the White Sands Missile Range. The site is 55 miles northwest of Alamogordo, New Mexico. At various times between June 1946 and November 1962, atmospheric and underground tests were conducted by the United States in the Marshall Islands, Christmas Island, Johnston Atoll in the Pacific Ocean, and over the South Atlantic Ocean. Between January 1951 and July 1962, atmospheric and underground nuclear tests were conducted at the NTS.

Since July 1962, all nuclear tests conducted in the United States have been underground, and most of them have been at the NTS. Some tests were conducted on the Nellis Air Force Range (NAFR); in central and northwestern Nevada; in Colorado, New Mexico, and Mississippi; and on Amchitka, one of the Aleutian Islands off the coast of Alaska.

Test Types and Purposes

The definition of terms used in this document appears in the *Glossary*. *Type* refers to the method of deployment of the nuclear device at time of detonation such as *tower*, *tunnel*, *airdrop*, etc. *Purpose* indicates whether the test was part of the weapons development program, a DoD effects test, a joint United States-United Kingdom (US-UK) test, or was part of some special program that involved the use of nuclear devices. In the *Summary*, the sum of all tests conducted underground (*tunnel*, *shaft*, and *crater events*) appears as *Total Underground*. With the exception of five underwater tests, the remaining tests appear as *Total Atmospheric*.

Accession For	
NTIS GRA&I	<input checked="" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution/	
Availability Codes	
Dist	Avail and/or Special
A-1	

Detection of Radioactivity from Nevada Test Site Events

Unless otherwise noted, all nuclear tests at the NTS or the Nellis Air Force Range (NAFR) to September 15, 1961 produced radioactivity detected off site. Unless otherwise noted, no test at the NTS or the NAFR on or after September 15, 1961 had a release of radioactivity that was detected off site. The release of radioactivity from a test can occur:

- Accidentally as a result of a containment failure.
- Accidentally or deliberately as a result of post-event operations.
- Deliberately as a result of post-event controlled purging of gases from a tunnel.

All releases resulting from a containment failure, even if not detected off site, are reported. Radiation releases resulting from tunnel purging or normal operations are not reported in this document unless detected off site, since they are carefully monitored. These releases are listed in DOE/NV-317, Radiological Effluents Released from U.S. Continental Tests.

Purposes of U.S. Tests

Past tests have been described as being for one of seven purposes (see page viii). With the declassification of all previous simultaneous detonations, purpose is now attributed to each detonation. Weapons related tests were conducted to gather data on nuclear devices; weapons effects tests were conducted, usually by the DoD, to determine the effects of nuclear detonations on military offensive and defensive systems; and tests conducted for the United Kingdom (UK) are shown as "Joint US-UK."

* See Glossary for definition of off site.

Glossary

Airburst	The explosion of a nuclear weapon at such a height that the expanding fireball does not touch the earth's surface prior to the time the fireball reaches its maximum luminosity. The airburst reported in this document resulted from the detonation of a device fired from a 280mm cannon.
Airdrop	A nuclear device dropped from an aircraft and exploded in the atmosphere.
Atmospheric	A test conducted aboveground or above water; i.e., in the open air.
Balloon	A nuclear device suspended from a balloon and exploded in the atmosphere.
Barge	A nuclear device exploded from a barge moored in the lagoon at Enewetak or Bikini.
Crater	A nuclear device placed shallow enough underground to produce a throw-out of earth when exploded.
Detonation	A single nuclear device explosion; one or more comprise a test.
Joint US-UK	A nuclear test conducted jointly by the United States and the United Kingdom under a cooperative agreement in effect between the two countries since August 4, 1958.
kt	A kiloton. The energy of a nuclear explosion that is equivalent the explosive power of 1,000 tons of TNT.
Mt	A megaton. The energy of a nuclear explosion that is equivalent to the explosive power of one million tons of TNT.
NTS	The Nevada Test Site, a 1,350-square-mile area in southern Nevada in Nye County and about 65 miles northwest of Las Vegas.
Off Site	Off site is any place outside the Test Range Complex.
On Site	A notation that <i>radioactivity was detected on site only</i> is made for any test from which there was an unplanned release of radioactivity into the atmosphere that was not detectable beyond the boundaries of the Test Range Complex.
Plowshare	Application of nuclear explosives to develop peaceful uses for atomic energy. The program is no longer active.
Rocket	A nuclear device launched by rocket and exploded in the atmosphere.

Roman Candle	Event conducted underground in an unstemmed hole to minimize, but not eliminate, the release of radioactivity to the atmosphere. Because incandescent gases were released, this was sometimes referred to as a "Roman candle" effect.
Safety Experiment	Experiment designed to confirm a nuclear explosion will not occur in case of an accidental detonation of the explosive associated with the device.
Seismic Calibration	A nuclear test to evaluate seismic effects of an underground explosion.
Shaft	A nuclear device exploded at the bottom of a drilled or mined vertical hole. Some safety tests were set off at the bottom of unstemmed drilled holes, producing a "Roman candle" effect.
Storage-Transportation	Detonations of combinations of high explosives and nuclear materials designed to study distribution of nuclear materials during accidents in several transportation and storage configurations.
Surface	A nuclear device placed on or close to the earth's surface.
Test	A test is defined in the Threshold Test Ban Treaty as either a single underground nuclear explosion conducted at a test site, or two or more underground nuclear explosions conducted within an area delineated by a circle having a diameter of two kilometers and conducted within a total period of time not to exceed 0.1 second.
Test Range Complex	An area that includes both the Nevada Test Site and the adjacent Government-controlled Nellis Air Force Range.
Ton	The yield of a nuclear device is a measure of the amount of energy released when it explodes. It is stated in terms of the quantity of TNT that would produce the same amount of explosive energy. A ton is equivalent to one ton of TNT.
Thermonuclear Device	A "hydrogen bomb."
Tower	A nuclear device mounted at the top of a steel or wooden tower and exploded in the atmosphere.
Tunnel	A nuclear device exploded at the end of a long horizontal drift mined into a mountain or mesa in a way that places the burst point deep within the earth.
Underground	Underground nuclear test conducted in a tunnel or at the bottom of a drilled hole or shaft. Some underground nuclear tests were not designed to contain all radioactivity; e.g., cratering tests or safety experiments.
Underwater	A nuclear test conducted underwater.

Vela Uniform	Department of Defense (DoD) program designed to improve the capability to detect, identify, and locate underground nuclear explosions.
Verification Event	An event on which the Russian government exercised its right to verify under the terms of the Threshold Test Ban Treaty.
Weapons Effects	A nuclear test to evaluate the civil or military effects of a nuclear detonation on various targets, such as military hardware.
Weapons Related	A nuclear detonation conducted for the purpose of testing a nuclear device intended for a specific type of weapon system.
Yield	The total effective energy released in a nuclear explosion. It is usually expressed in terms of equivalent tonnage of TNT required to produce the same energy release in an explosion.

United States Nuclear Tests

Total Tests by Calendar Year				Total Tests by Location				Total Tests by Type			
US		US-UK		US		US-UK		US		US-UK	
CY 1945	1	0	CY 1969	46	0	Pacific	4	0	Tunnel	67	0
CY 1946	2	0	CY 1970	39	0	Johnston Island	12	0	Shaft	739	24
CY 1947	0	0	CY 1971	24	0	Enewetak	43	0	Crater	9	0
CY 1948	3	0	CY 1972	27	0	Bikini	23	0	Total Underground	815	24
CY 1949	0	0	CY 1973	24	0	Christmas Island	24	0			
CY 1950	0	0	CY 1974	22	1	Total Pacific	106	0	Airburst	1	0
CY 1951	16	0	CY 1975	22	0				Airdrop	52	0
CY 1952	10	0	CY 1976	20	1	Total S. Atlantic	3	0	Balloon	25	0
CY 1953	11	0	CY 1977	20	0				Barge	36	0
CY 1954	6	0	CY 1978	19	2	Underground	804	24	Rocket	12	0
CY 1955	18	0	CY 1979	15	1	Atmospheric	100	0	Surface	28	0
CY 1956	18	0	CY 1980	14	3	Total NTS	904	24	Tower	56	0
CY 1957	32	0	CY 1981	16	1				Total Atmospheric	210	0
CY 1958	77	0	CY 1982	18	1	Central Nevada	1	0			
CY 1959	0	0	CY 1983	18	1	Amchitka, Alaska	3	0	Total Underwater	5	0
CY 1960	0	0	CY 1984	18	2	Alamogordo, New Mexico	1	0	Total Tests	1,030	24
CY 1961	10	0	CY 1985	17	1	Carlsbad, New Mexico	1	0	Total Detonations by Purpose		
CY 1962	96	2	CY 1986	14	1	Hattiesburg, Mississippi	2	0	Detonations		
CY 1963	47	0	CY 1987	14	1	Farmington, New Mexico	1	0	Joint US-UK	24	
CY 1964	45	2	CY 1988	15	0	Grand Valley, Colorado	1	0	Plowshare	35	
CY 1965	38	1	CY 1989	11	1	Rifle, Colorado	1	0	Safety Experiment	88	
CY 1966	48	0	CY 1990	8	1	Fallon, Nevada	1	0	Storage-Transportation	4	
CY 1967	42	0	CY 1991	7	1	Nellis Air Force Range	5	0	Vela Uniform	7	
CY 1968	56	0	CY 1992	6	0	Total Other	17	0	Weapons Effects	98	
Total Tests			1,030		24	Total Tests	1,030		24	883	

NOTE: Totals do not include two combat uses of nuclear weapons, which are not considered "tests." The first combat detonation was a 15 kt weapon airdropped 08/05/45 at Hiroshima, Japan. The second was a 21 kt weapon airdropped 08/09/45 at Nagasaki, Japan.

NOTE: Totals do not include two combat uses of nuclear weapons, which are not considered "tests." The first combat detonation was a 15 kt weapon airdropped 08/05/45 at Hiroshima, Japan. The second was a 21 kt weapon airdropped 08/09/45 at Nagasaki, Japan.

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
1	Trinity First test of a nuclear weapon	07/16/45	Alamogordo, New Mexico	Tower	Weapons Related	21 kt
<p>This document is a compilation of all nuclear tests and simultaneous detonations that the United States has conducted. However, the two nuclear weapons that the United States exploded over Japan ending World War II are not listed. These were not "tests" in the sense that they were conducted to prove that the weapon would work as designed (as was the first test near Alamogordo, New Mexico on July 16, 1945) or to advance weapon design, to determine weapons effects, or to verify weapon safety as were the more than one thousand tests that have taken place since June 30, 1946.</p> <p>The nuclear weapon dropped August 5, 1945, from a U.S. Army Air Force B-29 bomber and detonated over Hiroshima, Japan had an energy yield equivalent to that of 15,000 tons of TNT. The one exploded in similar fashion August 9, 1945 over Nagasaki, Japan had a yield of 21,000 tons of TNT. Both detonations were intended to end World War II as quickly as possible.</p>						
Operation Crossroads						
2	Able	06/30/46	Bikini	Airdrop	Weapons Effects	21 kt
3	Baker	07/24/46	Bikini	Underwater	Weapons Effects	21 kt
Operation Sandstone						
4	X-ray	04/14/48	Enewetak	Tower	Weapons Related	37 kt
5	Yoke	04/30/48	Enewetak	Tower	Weapons Related	49 kt
6	Zebra	05/14/48	Enewetak	Tower	Weapons Related	18 kt
Operation Ranger						
7	Able	01/27/51	NTS	Airdrop	Weapons Related	1 kt
8	Baker	01/28/51	NTS	Airdrop	Weapons Related	8 kt
9	Easy	02/01/51	NTS	Airdrop	Weapons Related	1 kt
10	Baker-2	02/02/51	NTS	Airdrop	Weapons Related	8 kt
11	Fox	02/06/51	NTS	Airdrop	Weapons Related	22 kt
Operation Greenhouse						
12	Dog	04/07/51	Enewetak	Tower	Weapons Related	81 kt
13	Easy	04/20/51	Enewetak	Tower	Weapons Related	47 kt
14	George First thermonuclear test explosion	05/08/51	Enewetak	Tower	Weapons Related	225 kt
15	Item First test of the boosting principle	05/24/51	Enewetak	Tower	Weapons Related	45.5 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Buster						
16	Able	10/22/51	NTS	Tower	Weapons Related	Less than 0.1 kt
17	Baker	10/28/51	NTS	Airdrop	Weapons Related	3.5 kt
18	Charlie	10/30/51	NTS	Airdrop	Weapons Related	14 kt
19	Dog	11/01/51	NTS	Airdrop	Weapons Related	21 kt
20	Easy	11/05/51	NTS	Airdrop	Weapons Related	31 kt
Operation Jangle						
21	Sugar	11/19/51	NTS	Surface	Weapons Effects	1.2 kt
22	Uncle	11/29/51	NTS	Crater	Weapons Effects	1.2 kt
Operation Tumbler-Snapper						
23	Able	04/01/52	NTS	Airdrop	Weapons Effects	1 kt
24	Baker	04/15/52	NTS	Airdrop	Weapons Effects	1 kt
25	Charlie	04/22/52	NTS	Airdrop	Weapons Related	31 kt
26	Dog	05/01/52	NTS	Airdrop	Weapons Related	19 kt
27	Easy	05/07/52	NTS	Tower	Weapons Related	12 kt
28	Fox	05/25/52	NTS	Tower	Weapons Related	11 kt
29	George	06/01/52	NTS	Tower	Weapons Related	15 kt
30	How	06/05/52	NTS	Tower	Weapons Related	14 kt
Operation Ivy						
31	Mike	10/31/52	Enewetak	Surface	Weapons Related	10.4 Mt
32	King	11/15/52	Enewetak	Airdrop	Weapons Related	500 kt
Operation Upshot-Knothole						
33	Annie	03/17/53	NTS	Tower	Weapons Related	16 kt
34	Nancy	03/24/53	NTS	Tower	Weapons Related	24 kt
35	Ruth	03/31/53	NTS	Tower	Weapons Related	200 tons
36	Dixie	04/06/53	NTS	Airdrop	Weapons Related	11 kt
37	Ray	04/11/53	NTS	Tower	Weapons Related	200 tons

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Upshot-Knothole -- Continued						
38	Badger	04/18/53	NTS	Tower	Weapons Related	23 kt
39	Simon	04/25/53	NTS	Tower	Weapons Related	43 kt
40	Encore	05/08/53	NTS	Airdrop	Weapons Effects	27 kt
41	Harry	05/19/53	NTS	Tower	Weapons Related	32 kt
42	Grable Fired from 280mm gun	05/25/53	NTS	Airburst	Weapons Related	15 kt
43	Climax	06/04/53	NTS	Airdrop	Weapons Related	61 kt
Operation Castle						
44	Bravo Experimental thermonuclear device	02/28/54	Bikini	Surface	Weapons Related	15 Mt
45	Romeo	03/26/54	Bikini	Barge	Weapons Related	11 Mt
46	Koon	04/06/54	Bikini	Surface	Weapons Related	110 kt
47	Union	04/25/54	Bikini	Barge	Weapons Related	6.9 Mt
48	Yankee	05/04/54	Bikini	Barge	Weapons Related	13.5 Mt
49	Nectar	05/13/54	Enewetak	Barge	Weapons Related	1.69 Mt
Operation Teapot						
50	Wasp	02/18/55	NTS	Airdrop	Weapons Effects	1 kt
51	Moth	02/22/55	NTS	Tower	Weapons Related	2 kt
52	Tesla	03/01/55	NTS	Tower	Weapons Related	7 kt
53	Turk	03/07/55	NTS	Tower	Weapons Related	43 kt
54	Hornet	03/12/55	NTS	Tower	Weapons Related	4 kt
55	Bee	03/22/55	NTS	Tower	Weapons Related	8 kt
56	Ess	03/23/55	NTS	Crater	Weapons Effects	1 kt
57	Apple-1	03/29/55	NTS	Tower	Weapons Related	14 kt
58	Wasp Prime	03/29/55	NTS	Airdrop	Weapons Related	3 kt
59	HA (High Altitude) Named "HA" for "high altitude" in reference to its intended detonation at an altitude of 40,000 feet	04/06/55	NTS	Airdrop	Weapons Effects	3 kt
60	Post	04/09/55	NTS	Tower	Weapons Related	2 kt
61	Met	04/15/55	NTS	Tower	Weapons Effects	22 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Teapot -- Continued						
62	Apple-2	05/05/55	NTS	Tower	Weapons Related	29 kt
63	Zucchini	05/15/55	NTS	Tower	Weapons Related	28 kt
Operation Wigwam						
64	Wigwam North 29 degrees, West 126 degrees	05/14/55	Pacific	Underwater	Weapons Effects	30 kt
Operation Project 56						
65	Project 56 No. 1	11/01/55	NTS	Surface	Safety Experiment	Zero
66	Project 56 No. 2 Pu dispersal	11/03/55	NTS	Surface	Safety Experiment	Zero
67	Project 56 No. 3 Pu dispersal	11/05/55	NTS	Surface	Safety Experiment	No yield
68	Project 56 No. 4 Pu dispersal	01/18/56	NTS	Surface	Safety Experiment	Very slight
Operation Redwing						
69	Lacrosse	05/04/56	Enewetak	Surface	Weapons Related	40 kt
70	Cherokee First airdrop by U.S. of a thermonuclear weapon	05/20/56	Bikini	Airdrop	Weapons Related	3.8 Mt
71	Zuni	05/27/56	Bikini	Surface	Weapons Related	3.5 Mt
72	Yuma	05/27/56	Enewetak	Tower	Weapons Related	190 tons
73	Erie	05/30/56	Enewetak	Tower	Weapons Related	14.9 kt
74	Seminole	06/06/56	Enewetak	Surface	Weapons Related	13.7 kt
75	Flathead	06/11/56	Bikini	Barge	Weapons Related	365 kt
76	Blackfoot	06/11/56	Enewetak	Tower	Weapons Related	8 kt
77	Kickapoo	06/13/56	Enewetak	Tower	Weapons Related	1.49 kt
78	Osage	06/16/56	Enewetak	Airdrop	Weapons Related	1.7 kt
79	Inca	06/21/56	Enewetak	Tower	Weapons Related	15.2 kt
80	Dakota	06/25/56	Bikini	Barge	Weapons Related	1.1 Mt
81	Mohawk	07/02/56	Enewetak	Tower	Weapons Related	360 kt
82	Apache	07/08/56	Enewetak	Barge	Weapons Related	1.85 Mt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Redwing -- Continued						
83	Navajo	07/10/56	Bikini	Barge	Weapons Related	4.5 Mt
84	Tewa	07/20/56	Bikini	Barge	Weapons Related	5 Mt
85	Huron	07/21/56	Enewetak	Barge	Weapons Related	250 kt
Operation Project 57						
86	Project 57 No. 1 Pu dispersal	04/24/57	NAFR	Surface	Safety Experiment	Zero
Operation Plumbbob						
87	Boltzmann	05/28/57	NTS	Tower	Weapons Related	12 kt
88	Franklin	06/02/57	NTS	Tower	Weapons Related	140 tons
89	Lassen Radioactivity not detected off site	06/05/57	NTS	Balloon	Weapons Related	0.5 tons
90	Wilson	06/18/57	NTS	Balloon	Weapons Related	10 kt
91	Priscilla	06/24/57	NTS	Balloon	Weapons Related	37 kt
92	Coulomb-A Radioactivity not detected off site	07/01/57	NTS	Surface	Safety Experiment	Zero
93	Hood	07/05/57	NTS	Balloon	Weapons Related	74 kt
94	Diablo	07/15/57	NTS	Tower	Weapons Related	17 kt
95	John Air-to-air missile	07/19/57	NTS	Rocket	Weapons Effects	About 2 kt
96	Kepler	07/24/57	NTS	Tower	Weapons Related	10 kt
97	Owens	07/25/57	NTS	Balloon	Weapons Related	9.7 kt
98	Pascal-A Unstemmed hole	07/26/57	NTS	Shaft	Safety Experiment	Slight
99	Stokes	08/07/57	NTS	Balloon	Weapons Related	19 kt
100	Saturn No radioactive release detected	08/10/57	NTS	Tunnel	Safety Experiment	Zero
101	Shasta	08/18/57	NTS	Tower	Weapons Related	17 kt
102	Doppler	08/23/57	NTS	Balloon	Weapons Related	11 kt
103	Pascal-B Unstemmed hole No radioactive release detected	08/27/57	NTS	Shaft	Safety Experiment	Slight
104	Franklin Prime	08/30/57	NTS	Balloon	Weapons Related	4.7 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Plumbbob -- Continued						
105	Smoky	08/31/57	NTS	Tower	Weapons Related	44 kt
106	Galileo	09/02/57	NTS	Tower	Weapons Related	11 kt
107	Wheeler	09/06/57	NTS	Balloon	Weapons Related	197 tons
108	Coulomb-B	09/06/57	NTS	Surface	Safety Experiment	300 tons
109	Laplace	09/08/57	NTS	Balloon	Weapons Related	1 kt
110	Fizeau	09/14/57	NTS	Tower	Weapons Related	11 kt
111	Newton	09/16/57	NTS	Balloon	Weapons Related	12 kt
112	Rainier First detonation contained underground No radioactive release detected	09/19/57	NTS	Tunnel	Weapons Related	1.7 kt
113	Whitney	09/23/57	NTS	Tower	Weapons Related	19 kt
114	Charleston	09/28/57	NTS	Balloon	Weapons Related	12 kt
115	Morgan	10/07/57	NTS	Balloon	Weapons Related	8 kt
Operation Project 58						
116	Pascal-C Unstemmed hole Radioactivity not detected off site	12/06/57	NTS	Shaft	Safety Experiment	Slight
117	Coulomb-C	12/09/57	NTS	Surface	Safety Experiment	500 tons
Operation Project 58 A						
118	Venus No radioactive release detected	02/22/58	NTS	Tunnel	Safety Experiment	Less than 1 ton
119	Uranus No radioactive release detected	03/14/58	NTS	Tunnel	Safety Experiment	Less than 1 ton
Operation Hardtack I						
Note: Three DoD high-altitude tests in the Pacific during Hardtack I were conducted as Operation Newsreel.						
120	Yucca North 12 degrees 37 minutes, East 163 degrees 01 minute DoD Test -- Operation Newsreel	04/28/58	Pacific	Balloon	Weapons Effects	1.7 kt
121	Cactus	05/05/58	Enewetak	Surface	Weapons Related	18 kt
122	Fir	05/11/58	Bikini	Barge	Weapons Related	1.36 Mt
123	Butternut	05/11/58	Enewetak	Barge	Weapons Related	81 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Hardtack I -- Continued						
124	Koa	05/12/58	Enewetak	Surface	Weapons Related	1.37 Mt
125	Wahoo	05/16/58	Enewetak	Underwater	Weapons Effects	9 kt
126	Holly	05/20/58	Enewetak	Barge	Weapons Related	5.9 kt
127	Nutmeg	05/21/58	Bikini	Barge	Weapons Related	25.1 kt
128	Yellowwood	05/26/58	Enewetak	Barge	Weapons Related	330 kt
129	Magnolia	05/26/58	Enewetak	Barge	Weapons Related	57 kt
130	Tobacco	05/30/58	Enewetak	Barge	Weapons Related	11.6 kt
131	Sycamore	05/31/58	Bikini	Barge	Weapons Related	92 kt
132	Rose	06/02/58	Enewetak	Barge	Weapons Related	15 kt
133	Umbrella	06/08/58	Enewetak	Underwater	Weapons Effects	8 kt
134	Maple	06/10/58	Bikini	Barge	Weapons Related	213 kt
135	Aspen	06/14/58	Bikini	Barge	Weapons Related	319 kt
136	Walnut	06/14/58	Enewetak	Barge	Weapons Related	1.45 Mt
137	Linden	06/18/58	Enewetak	Barge	Weapons Related	11 kt
138	Redwood	06/27/58	Bikini	Barge	Weapons Related	412 kt
139	Elder	06/27/58	Enewetak	Barge	Weapons Related	880 kt
140	Oak	06/28/58	Enewetak	Barge	Weapons Related	8.9 Mt
141	Hickory	06/29/58	Bikini	Barge	Weapons Related	14 kt
142	Sequoia	07/01/58	Enewetak	Barge	Weapons Related	5.2 kt
143	Cedar	07/02/58	Bikini	Barge	Weapons Related	220 kt
144	Dogwood	07/05/58	Enewetak	Barge	Weapons Related	397 kt
145	Poplar	07/12/58	Bikini	Barge	Weapons Related	9.3 Mt
146	Scaevola	07/14/58	Enewetak	Barge	Safety Experiment	Zero
147	Pisonia	07/17/58	Enewetak	Barge	Weapons Related	255 kt
148	Juniper	07/22/58	Bikini	Barge	Weapons Related	65 kt
149	Olive	07/22/58	Enewetak	Barge	Weapons Related	202 kt
150	Pine	07/26/58	Enewetak	Barge	Weapons Related	2 Mt
151	Teak DoD Test -- Operation Newsreel High altitude -- 77 kilometers	08/01/58	Johnston Island area	Rocket	Weapons Effects	3.8 Mt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Hardtack I -- Continued						
152	Quince	08/06/58	Enewetak	Surface	Weapons Related	Zero
153	Orange DoD Test -- Operation Newsreel High altitude -- 43 kilometers	08/12/58	Johnston Island area	Rocket	Weapons Effects	3.8 Mt
154	Fig	08/18/58	Enewetak	Surface	Weapons Related	20 tons
Operation Argus						
155	Argus I About 300 miles altitude, South 38.5 degrees, West 11.5 degrees	08/27/58	South Atlantic	Rocket	Weapons Effects	1-2 kt
156	Argus II About 300 miles altitude, South 49.5 degrees, West 8.2 degrees	08/30/58	South Atlantic	Rocket	Weapons Effects	1-2 kt
157	Argus III About 300 miles altitude, South 48.5 degrees, West 9.7 degrees	09/06/58	South Atlantic	Rocket	Weapons Effects	1-2 kt
Operation Hardtack II						
158	Otero Unstemmed hole	09/12/58	NTS	Shaft	Safety Experiment	38 tons
159	Bernalillo Unstemmed hole Radioactivity not detected off site	09/17/58	NTS	Shaft	Safety Experiment	15 tons
160	Eddy	09/19/58	NTS	Balloon	Weapons Related	83 tons
161	Luna Unstemmed hole Radioactivity not detected off site	09/21/58	NTS	Shaft	Safety Experiment	1.5 tons
162	Mercury No radioactive release detected	09/23/58	NTS	Tunnel	Safety Experiment	Slight
163	Valencia Unstemmed hole Radioactivity not detected off site	09/26/58	NTS	Shaft	Safety Experiment	2 tons
164	Mars Slight venting Radioactivity not detected off site	09/28/58	NTS	Tunnel	Safety Experiment	13 tons
165	Mora	09/29/58	NTS	Balloon	Weapons Related	2 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Hardtack II -- Continued						
166	Colfax Unstemmed hole Radioactivity not detected off site	10/05/58	NTS	Shaft	Safety Experiment	5.5 tons
167	Hidalgo	10/05/58	NTS	Balloon	Safety Experiment	77 tons
168	Tamalpais Slight venting Radioactivity not detected off site	10/08/58	NTS	Tunnel	Weapons Related	72 tons
169	Quay	10/10/58	NTS	Tower	Weapons Related	79 tons
170	Lea	10/13/58	NTS	Balloon	Weapons Related	1.4 kt
171	Neptune Slight venting Radioactivity not detected off site	10/14/58	NTS	Tunnel	Safety Experiment	115 tons
172	Hamilton	10/15/58	NTS	Tower	Weapons Related	1.2 tons
173	Logan No radioactive release detected	10/16/58	NTS	Tunnel	Weapons Related	5 kt
174	Dona Ana	10/16/58	NTS	Balloon	Weapons Related	37 tons
175	Vesta Fired in surface structure	10/17/58	NTS	Surface	Safety Experiment	24 tons
176	Rio Arriba	10/18/58	NTS	Tower	Weapons Related	90 tons
177	San Juan Unstemmed hole No radioactive release detected	10/20/58	NTS	Shaft	Safety Experiment	Zero
178	Socorro	10/22/58	NTS	Balloon	Weapons Related	6 kt
179	Wrangell	10/22/58	NTS	Balloon	Weapons Related	115 tons
180	Rushmore	10/22/58	NTS	Balloon	Weapons Related	188 tons
181	Oberon No radioactive release detected	10/22/58	NTS	Tower	Safety Experiment	Zero
182	Catron	10/24/58	NTS	Tower	Safety Experiment	21 tons
183	Juno Fired in surface structure Radioactivity not detected off site	10/24/58	NTS	Surface	Safety Experiment	1.7 tons
184	Ceres Radioactivity not detected off site	10/26/58	NTS	Tower	Safety Experiment	0.7 tons
185	Sanford	10/26/58	NTS	Balloon	Weapons Related	4.9 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Hardtack II -- Continued						
186	De Baca	10/26/58	NTS	Balloon	Weapons Related	2.2 kt
187	Chavez	10/27/58	NTS	Tower	Safety Experiment	0.6 tons
188	Evans Venting Radioactivity not detected off site	10/29/58	NTS	Tunnel	Weapons Related	55 tons
189	Humboldt	10/29/58	NTS	Tower	Weapons Related	7.8 tons
190	Mazama No radioactive release detected	10/29/58	NTS	Tower	Weapons Related	Zero
191	Santa Fe	10/30/58	NTS	Balloon	Weapons Related	1.3 kt
192	Blanca Slight venting	10/30/58	NTS	Tunnel	Weapons Related	22 kt
193	Ganymede Contained in surface structure No radioactive release detected	10/30/58	NTS	Surface	Safety Experiment	Zero
194	Titania	10/30/58	NTS	Tower	Safety Experiment	0.2 tons
Operation Nougat						
195	Antler Accidental release of radioactivity detected off site	09/15/61	NTS	Tunnel	Weapons Related	2.6 kt
196	Shrew Accidental release of radioactivity detected on site only	09/16/61	NTS	Shaft	Weapons Related	Low
197	Boomer Accidental release of radioactivity detected on site only	10/01/61	NTS	Shaft	Weapons Related	Low
198	Chena Accidental release of radioactivity detected on site only	10/10/61	NTS	Tunnel	Weapons Related	Low
199	Mink Accidental release of radioactivity detected on site only	10/29/61	NTS	Shaft	Weapons Related	Low
200	Fisher Accidental release of radioactivity detected on site only	12/03/61	NTS	Shaft	Weapons Related	13.4 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Nougat -- Continued						
201	Gnome Multiple-purpose experiment in salt Formed cavity 160-170 ft. diameter, 60-80 ft. high Accidental release of radioactivity detected off site	12/10/61	Carlsbad, New Mexico	Shaft	Plowshare	3 kt
202	Mad Accidental release of radioactivity detected on site only	12/13/61	NTS	Shaft	Weapons Related	500 tons
203	Ringtail Accidental release of radioactivity detected on site only	12/17/61	NTS	Shaft	Weapons Related	Low
204	Feather Accidental release of radioactivity detected off site	12/22/61	NTS	Tunnel	Weapons Related	150 tons
205	Stoat Accidental release of radioactivity detected on site only	01/09/62	NTS	Shaft	Weapons Related	5.1 kt
206	Agouti	01/18/62	NTS	Shaft	Weapons Related	6.4 kt
207	Dormouse	01/30/62	NTS	Shaft	Weapons Related	Low
208	Stillwater	02/08/62	NTS	Shaft	Weapons Related	3.07 kt
209	Armadillo Accidental release of radioactivity detected on site only	02/09/62	NTS	Shaft	Weapons Related	7.1 kt
210	Hard Hat DoD Test Accidental release of radioactivity detected on site only	02/15/62	NTS	Shaft	Weapons Effects	5.7 kt
211	Chinchilla Accidental release of radioactivity detected on site only	02/19/62	NTS	Shaft	Weapons Related	1.9 kt
212	Codsaw Accidental release of radioactivity detected on site only	02/19/62	NTS	Shaft	Weapons Related	Low
213	Cimarron	02/23/62	NTS	Shaft	Weapons Related	11.9 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Nougat -- Continued						
214	Platypus Accidental release of radioactivity detected on site only	02/24/62	NTS	Shaft	Weapons Related	Low
215	Pampas Accidental release of radioactivity detected off site	03/01/62	NTS	Shaft	Joint US-UK	9.5 kt
216	Danny Boy DoD Test Crater diameter 265 ft., depth 84 ft. in basalt Release of radioactivity detected off site	03/05/62	NTS	Crater	Weapons Effects	430 tons
217	Ermine	03/06/62	NTS	Shaft	Safety Experiment	Low
218	Brazos Accidental release of radioactivity detected on site only	03/08/62	NTS	Shaft	Weapons Related	8.4 kt
219	Hognose	03/15/62	NTS	Shaft	Weapons Related	Low
220	Hoosic	03/28/62	NTS	Shaft	Weapons Related	3.4 kt
221	Chinchilla II Accidental release of radioactivity detected on site only	03/31/62	NTS	Shaft	Weapons Related	Low
222	Dormouse Prime	04/05/62	NTS	Shaft	Weapons Related	10.6 kt
223	Passaic	04/06/62	NTS	Shaft	Weapons Related	Low
224	Hudson	04/12/62	NTS	Shaft	Weapons Related	Low
225	Platte Accidental release of radioactivity detected off site	04/14/62	NTS	Tunnel	Weapons Related	1.85 kt
226	Dead	04/21/62	NTS	Shaft	Weapons Related	Low
Note: 1962 tests in Christmas and Johnston Island areas, and elsewhere in the Pacific, were part of Operation Dominic.						
227	Adobe Operation Dominic	04/25/62	Christmas Island area	Airdrop	Weapons Related	190 kt
228	Aztec Operation Dominic	04/27/62	Christmas Island area	Airdrop	Weapons Related	410 kt
229	Black	04/27/62	NTS	Shaft	Weapons Related	Low
230	Arkansas Operation Dominic	05/02/62	Christmas Island area	Airdrop	Weapons Related	1.09 Mt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Nougat -- Continued						
231	Questa Operation Dominic	05/04/62	Christmas Island area	Airdrop	Weapons Related	670 kt
232	Frigate Bird Operation Dominic North 4 degrees 50 minutes, West 149 degrees 25 minutes Warhead in missile launched from Polaris submarine	05/06/62	Pacific	Rocket	Weapons Related	
233	Paca Accidental release of radioactivity detected on site only	05/07/62	NTS	Shaft	Weapons Related	Low
234	Yukon Operation Dominic	05/08/62	Christmas Island area	Airdrop	Weapons Related	100 kt
235	Mesilla Operation Dominic	05/09/62	Christmas Island area	Airdrop	Weapons Related	100 kt
236	Arikaree	05/10/62	NTS	Shaft	Weapons Related	Low
237	Muskegon Operation Dominic	05/11/62	Christmas Island area	Airdrop	Weapons Related	50 kt
238	Swordfish Operation Dominic North 31 degrees 14 minutes, West 124 degrees 13 minutes Antisubmarine rocket (ASROC) system proof test	05/11/62	Pacific	Underwater	Weapons Effects	Low
239	Encino Operation Dominic	05/12/62	Christmas Island area	Airdrop	Weapons Related	500 kt
240	Aardvark Accidental release of radioactivity detected on site only	05/12/62	NTS	Shaft	Weapons Related	40 kt
241	Swanee Operation Dominic	05/14/62	Christmas Island area	Airdrop	Weapons Related	97 kt
242	Eel Accidental release of radioactivity detected off site	05/19/62	NTS	Shaft	Weapons Related	4.5 kt
243	Chetco Operation Dominic	05/19/62	Christmas Island area	Airdrop	Weapons Related	73 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Nougat -- Continued						
244	White	05/25/62	NTS	Shaft	Weapons Related	Low
245	Tanana Operation Dominic	05/25/62	Christmas Island area	Airdrop	Weapons Related	2.6 kt
246	Nambe Operation Dominic	05/27/62	Christmas Island area	Airdrop	Weapons Related	43 kt
247	Raccoon	06/01/62	NTS	Shaft	Weapons Related	Low
248	Packrat	06/06/62	NTS	Shaft	Weapons Related	Low
249	Alma Operation Dominic	06/08/62	Christmas Island area	Airdrop	Weapons Related	782 kt
250	Truckee Operation Dominic	06/09/62	Christmas Island area	Airdrop	Weapons Related	210 kt
251	Yeso Operation Dominic	06/10/62	Christmas Island area	Airdrop	Weapons Related	3 Mt
252	Harlem Operation Dominic	06/12/62	Christmas Island area	Airdrop	Weapons Related	1.2 Mt
253	Des Moines Accidental release of radioactivity detected off site	06/13/62	NTS	Tunnel	Weapons Related	2.9 kt
254	Rinconada Operation Dominic	06/15/62	Christmas Island area	Airdrop	Weapons Related	800 kt
255	Dulce Operation Dominic	06/17/62	Christmas Island area	Airdrop	Weapons Related	52 kt
256	Petit Operation Dominic	06/19/62	Christmas Island area	Airdrop	Weapons Related	2.2 kt
257	Daman I	06/21/62	NTS	Shaft	Weapons Related	Low
258	Otowi Operation Dominic	06/22/62	Christmas Island area	Airdrop	Weapons Related	81.5 kt
259	Bighorn Operation Dominic	06/27/62	Christmas Island area	Airdrop	Weapons Related	7.65 Mt
260	Haymaker Accidental release of radioactivity detected on site only	06/27/62	NTS	Shaft	Weapons Related	67 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Nougat -- Continued						
261	Marshmallow DoD Test Accidental release of radioactivity detected on site only	06/28/62	NTS	Tunnel	Weapons Effects	Low
262	Bluestone Operation Dominic	06/30/62	Christmas Island area	Airdrop	Weapons Related	1.27 Mt
263	Sacramento	06/30/62	NTS	Shaft	Weapons Related	Low
Operation Storax						
264	Sedan Excavation experiment Crater 1280 ft. diameter, 320 ft. deep Thermonuclear device Release of radioactivity detected off site	07/06/62	NTS	Crater	Plowshare	104 kt
Note: Four DoD weapons effects tests at NTS in July of 1962 were conducted as Operation Sunbeam.						
265	Little Feller II Slightly above ground DoD Test -- Operation Sunbeam Radioactivity not detected off site	07/07/62	NTS	Surface	Weapons Effects	Low
Note: Five DoD high-altitude weapons effects tests were conducted during Operation Dominic as Operation Fishbowl.						
266	Starfish Prime DoD Test -- Operation Fishbowl High altitude -- 400 kilometers	07/09/62	Johnston Island area	Rocket	Weapons Effects	1.4 Mt
267	Sunset Operation Dominic	07/10/62	Christmas Island area	Airdrop	Weapons Related	1 Mt
268	Pamlico Operation Dominic	07/11/62	Christmas Island area	Airdrop	Weapons Related	3.88 Mt
269	Johnnie Boy Slightly below ground DoD Test -- Operation Sunbeam Release of radioactivity detected off site	07/11/62	NTS	Crater	Weapons Effects	500 tons
270	Merrimac Accidental release of radioactivity detected on site only	07/13/62	NTS	Shaft	Weapons Related	Intermediate

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Storax -- Continued						
271	Small Boy Slightly above ground DoD Test -- Operation Sunbeam Release of radioactivity detected off site	07/14/62	NTS	Tower	Weapons Effects	Low
272	Little Feller I Slightly above ground DoD Test -- Operation Sunbeam Release of radioactivity detected off site	07/17/62	NTS	Surface	Weapons Effects	Low
273	Wichita Accidental release of radioactivity detected on site only	07/27/62	NTS	Shaft	Weapons Related	Low
274	York	08/24/62	NTS	Shaft	Weapons Related	Low
275	Bobac	08/24/62	NTS	Shaft	Weapons Related	Low
276	Raritan	09/06/62	NTS	Shaft	Weapons Related	Low
277	Hyrax	09/14/62	NTS	Shaft	Weapons Related	Low
278	Peba	09/20/62	NTS	Shaft	Weapons Related	Low
279	Allegheny Accidental release of radioactivity detected on site only	09/29/62	NTS	Shaft	Weapons Related	Low
280	Androskoggin Operation Dominic	10/02/62	Johnston Island area	Airdrop	Weapons Related	75 kt
281	Mississippi	10/05/62	NTS	Shaft	Weapons Related	115 kt
282	Bumping Operation Dominic	10/06/62	Johnston Island area	Airdrop	Weapons Related	11.3 kt
283	Roanoke Accidental release of radioactivity detected on site only	10/12/62	NTS	Shaft	Weapons Related	Low
284	Wolverine Accidental release of radioactivity detected on site only	10/12/62	NTS	Shaft	Weapons Related	Low
285	Chama Operation Dominic	10/18/62	Johnston Island area	Airdrop	Weapons Related	1.59 Mt
286	Tioga	10/18/62	NTS	Shaft	Weapons Related	Low

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Storax -- Continued						
287	Bandicoot Accidental release of radioactivity detected off site	10/19/62	NTS	Shaft	Weapons Related	12.5 kt
288	Checkmate DoD Test -- Operation Fishbowl High altitude -- tens of kilometers	10/20/62	Johnston Island area	Rocket	Weapons Effects	Low
289	Bluegill 3 Prime DoD Test -- Operation Fishbowl High altitude -- tens of kilometers	10/26/62	Johnston Island area	Rocket	Weapons Effects	Submegaton
290	Santee	10/27/62	NTS	Shaft	Weapons Related	Low
291	Calamity Operation Dominic	10/27/62	Johnston Island area	Airdrop	Weapons Related	800 kt
292	Housatonic Operation Dominic	10/30/62	Johnston Island area	Airdrop	Weapons Related	8.3 Mt
293	Kingfish DoD Test -- Operation Fishbowl High altitude -- tens of kilometers	11/01/62	Johnston Island area	Rocket	Weapons Effects	Submegaton
294	Tightrope DoD Test -- Operation Fishbowl High altitude -- tens of kilometers	11/04/62	Johnston Island area	Rocket	Weapons Effects	Low
295	St. Lawrence Accidental release of radioactivity detected on site only	11/09/62	NTS	Shaft	Weapons Related	Low
296	Gundi	11/15/62	NTS	Shaft	Weapons Related	Low
297	Anacostia Device development Accidental release of radioactivity detected on site only	11/27/62	NTS	Shaft	Plowshare	Low
298	Taunton	12/04/62	NTS	Shaft	Weapons Related	Low
299	Tendrac	12/07/62	NTS	Shaft	Joint US-UK	Low
300	Madison	12/12/62	NTS	Tunnel	Weapons Related	Low
301	Numbat	12/12/62	NTS	Shaft	Weapons Related	Low
302	Manatee	12/14/62	NTS	Shaft	Weapons Related	Low
303	Casselman	02/08/63	NTS	Shaft	Weapons Related	Low
304	Acushi	02/08/63	NTS	Shaft	Weapons Related	Low

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
------	------------	----------	------	---------	-------------

Operation Storax -- Continued

305	Ferret	02/08/63	NTS	Shaft	Weapons Related	Low
306	Hatchie	02/08/63	NTS	Shaft	Weapons Related	Low
307	Chipmunk	02/15/63	NTS	Shaft	Safety Experiment	Low
308	Kawah Device development	02/21/63	NTS	Shaft	Plowshare	Low
309	Carmel	02/21/63	NTS	Shaft	Weapons Related	Low
310	Jerboa	03/01/63	NTS	Shaft	Weapons Related	Low
311	Toyah	03/15/63	NTS	Shaft	Weapons Related	Low
312	Gerbil	03/29/63	NTS	Shaft	Weapons Related	Low
313	Ferret Prime	04/05/63	NTS	Shaft	Weapons Related	Low
314	Coypu	04/10/63	NTS	Shaft	Safety Experiment	Low
315	Cumberland	04/11/63	NTS	Shaft	Weapons Related	Low
316	Kootanai Accidental release of radioactivity detected on site only	04/24/63	NTS	Shaft	Weapons Related	Low
317	Paisano Accidental release of radioactivity detected on site only	04/24/63	NTS	Shaft	Weapons Related	Low
318	Gundi Prime	05/09/63	NTS	Shaft	Weapons Related	Low

Note: Four storage-transportation tests were conducted on the NAFR during May and June 1963 as the joint US-UK Operation Roller Coaster.

319	Double Tracks Operation Roller Coaster Pu dispersal Radioactivity detected off site	05/15/63	NAFR	Surface	Storage-Transportation	Zero
320	Harkee	05/17/63	NTS	Shaft	Weapons Related	Low
321	Tejon	05/17/63	NTS	Shaft	Safety Experiment	Low
322	Stones	05/22/63	NTS	Shaft	Weapons Related	Intermediate
323	Clean Slate I Operation Roller Coaster Pu dispersal Radioactivity detected off site	05/25/63	NAFR	Surface	Storage-Transportation	Zero

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Storax -- Continued						
324	Pleasant Accidental release of radioactivity detected on site only	05/29/63	NTS	Shaft	Weapons Related	Low
325	Clean Slate II Operation Roller Coaster Pu dispersal Radioactivity not detected off site	05/31/63	NAFR	Surface	Storage-Transportation	Zero
326	Yuba Accidental release of radioactivity detected on site only Operational release of radioactivity detected off site	06/05/63	NTS	Tunnel	Weapons Related	3.1 kt
327	Hutia	06/06/63	NTS	Shaft	Weapons Related	Low
328	Apshapa Accidental release of radioactivity detected on site only	06/06/63	NTS	Shaft	Weapons Related	Low
329	Clean Slate III Operation Roller Coaster Pu dispersal Radioactivity detected off site	06/09/63	NAFR	Surface	Storage-Transportation	Zero
330	Mataco	06/14/63	NTS	Shaft	Weapons Related	Low
331	Kennebec Accidental release of radioactivity detected on site only	06/25/63	NTS	Shaft	Weapons Related	Low
Operation Niblick						
332	Pekan	08/12/63	NTS	Shaft	Weapons Related	Low
333	Satsop	08/15/63	NTS	Shaft	Weapons Related	Low
334	Kohocton Natches Simultaneous, separate holes	08/23/63 08/23/63	NTS NTS	Shaft Shaft	Weapons Related Weapons Related	Low Low
335	Ahtanum	09/13/63	NTS	Shaft	Weapons Related	Low
336	Bilby First underground test reported felt in Las Vegas	09/13/63	NTS	Shaft	Weapons Related	249 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
------	------------	----------	------	---------	-------------

Operation Niblick -- Continued

337	Carp Accidental release of radioactivity detected on site only	09/27/63	NTS	Shaft	Weapons Related	Low
338	Narraguagus	09/27/63	NTS	Shaft	Weapons Related	Low
339	Grunion	10/11/63	NTS	Shaft	Weapons Related	Low
340	Tornillo Device development	10/11/63	NTS	Shaft	Plowshare	Low
341	Clearwater	10/16/63	NTS	Shaft	Weapons Related	Intermediate
342	Mullet	10/17/63	NTS	Shaft	Safety Experiment	Low
343	Shoal Nuclear test detection-research experiment	10/26/63	Fallon, Nevada	Shaft	Vela Uniform	12 kt
344	Anchovy Accidental release of radioactivity detected on site only	11/14/63	NTS	Shaft	Weapons Related	Low
345	Mustang	11/15/63	NTS	Shaft	Weapons Related	Low
346	Greys	11/22/63	NTS	Shaft	Weapons Related	Intermediate
347	Barracuda Sardine Simultaneous, separate holes Accidental release of radioactivity detected on site only	12/04/63	NTS	Shaft	Weapons Related	Low
		12/04/63	NTS	Shaft	Weapons Related	Low
348	Eagle Accidental release of radioactivity detected off site	12/12/63	NTS	Shaft	Weapons Related	5.3 kt
349	Tuna Accidental release of radioactivity detected on site only	12/20/63	NTS	Shaft	Weapons Related	Low
350	Fore	01/16/64	NTS	Shaft	Weapons Related	20 to 200 kt
351	Oconto Operational release of radioactivity detected off site	01/23/64	NTS	Shaft	Weapons Related	10.5 kt
352	Club Accidental release of radioactivity detected on site only	01/30/64	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date					
Test		Date (GCT)	Location	Type	Yield Range
Operation Niblick -- Continued					
353	Solondon Accidental release of radioactivity detected on site only	02/12/64	NTS	Shaft	Weapons Related Less than 20 kt
354	Bunker Accidental release of radioactivity detected on site only	02/13/64	NTS	Shaft	Weapons Related Less than 20 kt
355	Bonefish	02/18/64	NTS	Shaft	Weapons Related Less than 20 kt
356	Mackerel	02/18/64	NTS	Shaft	Weapons Related Less than 20 kt
357	Klickitat Device development	02/20/64	NTS	Shaft	Plowshare 20 to 200 kt
358	Handicap Accidental release of radioactivity detected on site only	03/12/64	NTS	Shaft	Weapons Related Less than 20 kt
359	Pike Accidental release of radioactivity detected off site	03/13/64	NTS	Shaft	Weapons Related Less than 20 kt
360	Hook Accidental release of radioactivity detected on site only	04/14/64	NTS	Shaft	Weapons Related Less than 20 kt
361	Sturgeon	04/15/64	NTS	Shaft	Weapons Related Less than 20 kt
362	Bogey Accidental release of radioactivity detected on site only	04/17/64	NTS	Shaft	Weapons Related Less than 20 kt
363	Turf	04/24/64	NTS	Shaft	Weapons Related 20 to 200 kt
364	Pipefish Accidental release of radioactivity detected on site only	04/29/64	NTS	Shaft	Weapons Related Less than 20 kt
365	Driver Accidental release of radioactivity detected on site only	05/07/64	NTS	Shaft	Weapons Related Less than 20 kt
366	Backswing Accidental release of radioactivity detected on site only	05/14/64	NTS	Shaft	Weapons Related Less than 20 kt
367	Minnow	05/15/64	NTS	Shaft	Weapons Related Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Niblick -- Continued						
368	Ace Device development Accidental release of radioactivity detected on site only	06/11/64	NTS	Shaft	Plowshare	Less than 20 kt
369	Bitterling	06/12/64	NTS	Shaft	Weapons Related	Less than 20 kt
370	Duffer	06/18/64	NTS	Shaft	Weapons Related	Less than 20 kt
371	Fade Accidental release of radioactivity detected on site only	06/25/64	NTS	Shaft	Weapons Related	Less than 20 kt
372	Dub Device development Accidental release of radioactivity detected on site only	06/30/64	NTS	Shaft	Plowshare	Less than 20 kt
Operation Whetstone						
373	Bye	07/16/64	NTS	Shaft	Weapons Related	20 to 200 kt
374	Cormorant Accidental release of radioactivity detected on site only	07/17/64	NTS	Shaft	Joint US-UK	Less than 20 kt
375	Links Accidental release of radioactivity detected on site only	07/23/64	NTS	Shaft	Weapons Related	Less than 20 kt
376	Trogon	07/24/64	NTS	Shaft	Weapons Related	Less than 20 kt
377	Alva Accidental release of radioactivity detected off site by aircraft only	08/19/64	NTS	Shaft	Weapons Related	4.4 kt
378	Canvasback	08/22/64	NTS	Shaft	Weapons Related	Less than 20 kt
379	Player	08/27/64	NTS	Shaft	Safety Experiment	Less than 20 kt
380	Haddock	08/28/64	NTS	Shaft	Weapons Related	Less than 20 kt
381	Guanay	09/04/64	NTS	Shaft	Weapons Related	Less than 20 kt
382	Spoon	09/11/64	NTS	Shaft	Weapons Related	Less than 20 kt
383	Courser	09/25/64	NTS	Shaft	Joint US-UK	Zero
384	Auk	10/02/64	NTS	Shaft	Weapons Related	Less than 20 kt
385	Par Isotope production and explosive development	10/09/64	NTS	Shaft	Plowshare	38 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Whetstone -- Continued						
386	Barbel Turnstone Simultaneous, separate holes	10/16/64	NTS	Shaft	Weapons Related	Less than 20 kt
387	Salmon Nuclear test detection research experiment	10/16/64	NTS	Shaft	Weapons Related	Less than 20 kt
388	Garden	10/22/64	Hattiesburg, Mississippi	Shaft	Vela Uniform	5.3 kt
389	Forest	10/23/64	NTS	Shaft	Weapons Related	Less than 20 kt
390	Handcar Effects of contained explosion in carbonate rock Accidental release of radioactivity detected on site only	10/31/64	NTS	Shaft	Weapons Related	Less than 20 kt
391	Crepe	11/05/64	NTS	Shaft	Plowshare	12 kt
392	Drill (Source-Lower) Drill (Target-Upper) Simultaneous, same hole Accidental release of radioactivity detected off site	12/05/64	NTS	Shaft	Weapons Related	20 to 200 kt
393	Parrot Accidental release of radioactivity detected off site	12/05/64	NTS	Shaft	Weapons Related	3.4 kt
394	Mudpack DoD Test	12/05/64	NTS	Shaft	Weapons Related	Less than 20 kt
395	Cassowary Hoopoe Simultaneous, separate holes	12/16/64	NTS	Shaft	Weapons Effects	2.7 kt
396	Sulky Excavation test of explosive buried at greater depth in relation to yield Produced mound of broken rock Release of radioactivity detected off site	12/16/64	NTS	Shaft	Weapons Related Safety Experiment	Less than 20 kt Less than 20 kt
397	Wool	12/18/64	NTS	Shaft	Plowshare	92 tons
397		01/14/65	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Whetstone -- Continued						
398	Tern Accidental release of radioactivity detected on site only	01/29/65	NTS	Shaft	Weapons Related	Less than 20 kt
399	Cashmere	02/04/65	NTS	Shaft	Weapons Related	Less than 20 kt
400	Alpaca Accidental release of radioactivity detected off site	02/12/65	NTS	Shaft	Weapons Related	330 tons
401	Merlin Accidental release of radioactivity detected on site only	02/16/65	NTS	Shaft	Weapons Related	10.1 kt
402	Wishbone DoD Test Accidental release of radioactivity detected on site only	02/18/65	NTS	Shaft	Weapons Effects	Less than 20 kt
403	Seersucker Accidental release of radioactivity detected on site only	02/19/65	NTS	Shaft	Weapons Related	Less than 20 kt
404	Wagtail	03/03/65	NTS	Shaft	Weapons Related	20 to 200 kt
405	Suede	03/20/65	NTS	Shaft	Weapons Related	Less than 20 kt
406	Cup	03/26/65	NTS	Shaft	Weapons Related	20 to 200 kt
407	Kestrel	04/05/65	NTS	Shaft	Weapons Related	Less than 20 kt
408	Palanquin Release of radioactivity detected off site	04/14/65	NTS	Crater	Plowshare	4.3 kt
409	Gum Drop DoD Test	04/21/65	NTS	Tunnel	Weapons Effects	Less than 20 kt
410	Chenille Accidental release of radioactivity detected on site only	04/22/65	NTS	Shaft	Weapons Related	Less than 20 kt
411	Muscovy	04/23/65	NTS	Shaft	Weapons Related	Less than 20 kt
412	Tee Accidental release of radioactivity detected off site	05/07/65	NTS	Shaft	Weapons Effects	7 kt
413	Buteo	05/12/65	NTS	Shaft	Weapons Related	Less than 20 kt
414	Scaup	05/14/65	NTS	Shaft	Weapons Related	Less than 20 kt
415	Cambric	05/14/65	NTS	Shaft	Weapons Related	750 tons

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Whetstone -- Continued						
416	Tweed	05/21/65	NTS	Shaft	Weapons Related	Less than 20 kt
417	Petrel	06/11/65	NTS	Shaft	Weapons Related	1.3 kt
418	Organdy	06/11/65	NTS	Shaft	Weapons Related	Less than 20 kt
419	Diluted Waters DoD Test Accidental release of radioactivity detected off site	06/16/65	NTS	Shaft	Weapons Effects	Less than 20 kt
420	Tiny Tot DoD Test Accidental release of radioactivity detected on site only	06/17/65	NTS	Tunnel	Weapons Effects	Less than 20 kt
Operation Flintlock						
421	Izzer	07/16/65	NTS	Shaft	Weapons Related	Less than 20 kt
422	Pongee Accidental release of radioactivity detected on site only	07/22/65	NTS	Shaft	Weapons Related	Less than 20 kt
423	Bronze	07/23/65	NTS	Shaft	Weapons Related	20 to 200 kt
424	Mauve	08/06/65	NTS	Shaft	Weapons Related	Less than 20 kt
425	Ticking	08/21/65	NTS	Shaft	Weapons Related	Less than 20 kt
426	Centaur Accidental release of radioactivity detected on site only	08/27/65	NTS	Shaft	Weapons Related	Less than 20 kt
427	Moa Screamer Simultaneous, separate holes Accidental release of radioactivity detected on site only	09/01/65 09/01/65	NTS NTS	Shaft Shaft	Weapons Related Weapons Effects	Less than 20 kt Less than 20 kt
428	Charcoal	09/10/65	NTS	Shaft	Joint US-UK	20 to 200 kt
429	Elkhart	09/17/65	NTS	Shaft	Weapons Related	Less than 20 kt
430	Long Shot DoD Test Nuclear test detection experiment	10/29/65	Amchitka, Alaska	Shaft	Vela Uniform	About 80 kt
431	Sepia	11/12/65	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Flintlock -- Continued						
432	Kermet Accidental release of radioactivity detected on site only	11/23/65	NTS	Shaft	Weapons Related	Less than 20 kt
433	Corduroy	12/03/65	NTS	Shaft	Weapons Related	20 to 200 kt
434	Emerson Accidental release of radioactivity detected on site only	12/16/65	NTS	Shaft	Weapons Related	Less than 20 kt
435	Buff	12/16/65	NTS	Shaft	Weapons Related	20 to 200 kt
436	Maxwell	01/13/66	NTS	Shaft	Weapons Related	Less than 20 kt
437	Lampblack	01/18/66	NTS	Shaft	Weapons Related	20 to 200 kt
438	Sienna	01/18/66	NTS	Shaft	Weapons Related	Less than 20 kt
439	Dovekie	01/21/66	NTS	Shaft	Weapons Related	Less than 20 kt
440	Reo Accidental release of radioactivity detected on site only	01/22/66	NTS	Shaft	Weapons Related	Less than 20 kt
441	Plaid II Accidental release of radioactivity detected on site only	02/03/66	NTS	Shaft	Weapons Related	Less than 20 kt
442	Rex	02/24/66	NTS	Shaft	Weapons Related	19 kt
443	Red Hot DoD Test Accidental release of radioactivity detected off site	03/05/66	NTS	Tunnel	Weapons Effects	Less than 20 kt
444	Finfoot Cinnamon Simultaneous, separate holes Accidental release of radioactivity detected on site only	03/07/66 03/07/66	NTS NTS	Shaft Shaft	Weapons Related Safety Experiment	Less than 20 kt Less than 20 kt
445	Clymer	03/12/66	NTS	Shaft	Weapons Related	Less than 20 kt
446	Purple	03/18/66	NTS	Shaft	Weapons Related	Less than 20 kt
447	Templar Excavation device development	03/24/66	NTS	Shaft	Plowshare	Less than 20 kt
448	Lime	04/01/66	NTS	Shaft	Weapons Related	Less than 20 kt
449	Stutz	04/06/66	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Flintlock -- Continued						
450	Tomato	04/07/66	NTS	Shaft	Weapons Related	Less than 20 kt
451	Duryea	04/14/66	NTS	Shaft	Weapons Related	70 kt
452	Fenton Accidental release of radioactivity detected off site by aircraft only	04/23/66	NTS	Shaft	Weapons Related	1.4 kt
453	Pin Stripe DoD Test Accidental release of radioactivity detected off site	04/25/66	NTS	Shaft	Weapons Effects	Less than 20 kt
454	Ochre	04/29/66	NTS	Shaft	Safety Experiment	Less than 20 kt
455	Traveler	05/04/66	NTS	Shaft	Weapons Related	Less than 20 kt
456	Cyclamen Included heavy element experiment	05/05/66	NTS	Shaft	Weapons Related	12 kt
457	Chartreuse	05/06/66	NTS	Shaft	Weapons Related	73 kt
458	Tapestry Accidental release of radioactivity detected on site only	05/12/66	NTS	Shaft	Weapons Related	Less than 20 kt
459	Piranha	05/13/66	NTS	Shaft	Weapons Related	20 to 200 kt
460	Dumont	05/19/66	NTS	Shaft	Weapons Related	20 to 200 kt
461	Discus Thrower DoD Test	05/27/66	NTS	Shaft	Weapons Effects	22 kt
462	Pile Driver DoD Test Accidental release of radioactivity detected on site only	06/02/66	NTS	Tunnel	Weapons Effects	62 kt
463	Tan	06/03/66	NTS	Shaft	Weapons Related	20 to 200 kt
464	Puce	06/10/66	NTS	Shaft	Weapons Related	Less than 20 kt
465	Double Play DoD Test Accidental release of radioactivity detected off site	06/15/66	NTS	Tunnel	Weapons Effects	Less than 20 kt
466	Kankakee	06/15/66	NTS	Shaft	Weapons Related	20 to 200 kt
467	Vulcan Device development Heavy element production	06/25/66	NTS	Shaft	Plowshare	25 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Flintlock -- Continued						
468	Halfbeak	06/30/66	NTS	Shaft	Weapons Related	365 kt
Operation Latchkey						
469	Saxon Excavation device development	07/28/66	NTS	Shaft	Plowshare	Less than 20 kt
470	Rovena	08/10/66	NTS	Shaft	Weapons Related	Less than 20 kt
471	Tangerine	08/12/66	NTS	Shaft	Safety Experiment	Less than 20 kt
472	Derringer Accidental release of radioactivity detected off site	09/12/66	NTS	Shaft	Weapons Effects	7.8 kt
473	Daiquiri	09/23/66	NTS	Shaft	Weapons Related	Less than 20 kt
474	Newark	09/29/66	NTS	Shaft	Weapons Related	Less than 20 kt
475	Khaki	10/15/66	NTS	Shaft	Weapons Related	Less than 20 kt
476	Simms Excavation device development	11/05/66	NTS	Shaft	Plowshare	Less than 20 kt
477	Ajax Accidental release of radioactivity detected on site only	11/11/66	NTS	Shaft	Weapons Related	Less than 20 kt
478	Cerise Accidental release of radioactivity detected on site only	11/18/66	NTS	Shaft	Weapons Related	Less than 20 kt
479	Vigil Accidental release of radioactivity detected on site only	11/22/66	NTS	Shaft	Safety Experiment	Less than 20 kt
480	Sterling Nuclear test detection experiment	12/03/66	Hattiesburg, Mississippi	Shaft	Vela Uniform	380 tons
481	New Point DoD Test Accidental release of radioactivity detected on site only	12/13/66	NTS	Shaft	Weapons Effects	Less than 20 kt
482	Sidcar Accidental release of radioactivity detected on site only	12/13/66	NTS	Shaft	Weapons Related	Less than 20 kt
483	Greeley	12/20/66	NTS	Shaft	Weapons Related	870 kt
484	Rivet I	01/18/67	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Latchkey -- Continued						
485	Nash Accidental release of radioactivity detected off site	01/19/67	NTS	Shaft	Weapons Related	39 kt
486	Bourbon	01/20/67	NTS	Shaft	Weapons Related	20 to 200 kt
487	Rivet II Accidental release of radioactivity detected on site only	01/26/67	NTS	Shaft	Weapons Related	Less than 20 kt
488	Ward	02/08/67	NTS	Shaft	Weapons Related	Less than 20 kt
489	Persimmon	02/23/67	NTS	Shaft	Weapons Related	Less than 20 kt
490	Agile	02/23/67	NTS	Shaft	Weapons Related	20 to 200 kt
491	Rivet III	03/02/67	NTS	Shaft	Weapons Related	Less than 20 kt
492	Mushroom Accidental release of radioactivity detected on site only	03/03/67	NTS	Shaft	Weapons Related	Less than 20 kt
493	Fizz	03/10/67	NTS	Shaft	Safety Experiment	Less than 20 kt
494	Oakland	04/04/67	NTS	Shaft	Weapons Related	Less than 20 kt
495	Hellman Accidental release of radioactivity detected on site only	04/06/67	NTS	Shaft	Weapons Related	Less than 20 kt
496	Fawn	04/07/67	NTS	Shaft	Weapons Related	Less than 20 kt
497	Chocolate	04/21/67	NTS	Shaft	Weapons Related	Less than 20 kt
498	Effendi	04/27/67	NTS	Shaft	Weapons Related	Less than 20 kt
499	Mickey	05/10/67	NTS	Shaft	Weapons Related	20 to 200 kt
500	Commodore	05/20/67	NTS	Shaft	Weapons Related	250 kt
501	Scotch	05/23/67	NTS	Shaft	Weapons Related	155 kt
502	Knickerbocker	05/26/67	NTS	Shaft	Weapons Related	76 kt
503	Absinthe	05/26/67	NTS	Shaft	Safety Experiment	Less than 20 kt
504	Switch Excavation device development	06/22/67	NTS	Shaft	Plowshare	Less than 20 kt
505	Midi Mist DoD Test Controlled release of radioactivity detected off site	06/26/67	NTS	Tunnel	Weapons Effects	Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Latchkey -- Continued						
506	Umber Accidental release of radioactivity detected off site	06/29/67	NTS	Shaft	Weapons Effects	10 kt
Operation Crosstie						
507	Vito	07/14/67	NTS	Shaft	Safety Experiment	Less than 20 kt
508	Stanley	07/27/67	NTS	Shaft	Weapons Related	20 to 200 kt
509	Gibson	08/04/67	NTS	Shaft	Weapons Related	Less than 20 kt
510	Washer	08/10/67	NTS	Shaft	Weapons Related	Less than 20 kt
511	Bordeaux	08/18/67	NTS	Shaft	Weapons Related	Less than 20 kt
512	Lexington	08/24/67	NTS	Shaft	Weapons Related	Less than 20 kt
513	Door Mist DoD Test Accidental release of radioactivity detected off site	08/31/67	NTS	Tunnel	Weapons Effects	Less than 20 kt
514	Yard	09/07/67	NTS	Shaft	Weapons Related	20 to 200 kt
515	Gilroy	09/15/67	NTS	Shaft	Weapons Related	Less than 20 kt
516	Marvel Emplacement technique experiment Accidental release of radioactivity detected on site only	09/21/67	NTS	Shaft	Plowshare	2.2 kt
517	Zaza	09/27/67	NTS	Shaft	Weapons Related	20 to 200 kt
518	Lanpher	10/18/67	NTS	Shaft	Weapons Related	20 to 200 kt
519	Sazerac	10/25/67	NTS	Shaft	Weapons Related	Less than 20 kt
520	Cognac Accidental release of radioactivity detected on site only	10/25/67	NTS	Shaft	Weapons Related	Less than 20 kt
521	Worth	10/25/67	NTS	Shaft	Weapons Related	Less than 20 kt
522	Cobbler	11/08/67	NTS	Shaft	Weapons Related	Less than 20 kt
523	Polka	12/06/67	NTS	Shaft	Weapons Related	Less than 20 kt
524	Gasbuggy Joint Government/industry gas stimulation experiment	12/10/67	Farmington, New Mexico	Shaft	Plowshare	29 kt
525	Stilt	12/15/67	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Crossfire -- Continued						
526	Hupmobile Accidental release of radioactivity detected off site	01/18/68	NTS	Shaft	Weapons Effects	7.4 kt
527	Staccato	01/19/68	NTS	Shaft	Weapons Related	20 to 200 kt
528	Faultless Seismic calibration	01/19/68	Central Nevada	Shaft	Weapons Related	200 to 1000 kt
529	Brush Accidental release of radioactivity detected on site only	01/24/68	NTS	Shaft	Weapons Related	Less than 20 kt
530	Cabriole Release of radioactivity detected off site	01/26/68	NTS	Crater	Plowshare	2.3 kt
531	Mallet	01/31/68	NTS	Shaft	Weapons Related	Less than 20 kt
532	Knox	02/21/68	NTS	Shaft	Weapons Related	20 to 200 kt
533	Torch	02/21/68	NTS	Shaft	Weapons Related	Less than 20 kt
534	Dorsal Fin DoD Test	02/29/68	NTS	Tunnel	Weapons Effects	Less than 20 kt
535	Russet Accidental release of radioactivity detected on site only	03/05/68	NTS	Shaft	Weapons Related	Less than 20 kt
536	Buggy-A	03/12/68	NTS	Crater	Plowshare	1.08 kt
	Buggy-B	03/12/68	NTS	Crater	Plowshare	1.08 kt
	Buggy-C	03/12/68	NTS	Crater	Plowshare	1.08 kt
	Buggy-D	03/12/68	NTS	Crater	Plowshare	1.08 kt
	Buggy-E Simultaneous, separate holes Row charge experiment -- five simultaneous detonations	03/12/68	NTS	Crater	Plowshare	1.08 kt
537	Pommard	03/14/68	NTS	Shaft	Weapons Related	1.5 kt
538	Stinger	03/22/68	NTS	Shaft	Weapons Related	20 to 200 kt

United States Nuclear Tests -- By Date						
Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Crosslie -- Continued						
539	Milk Shake DoD Test Accidental release of radioactivity detected on site only	03/25/68	NTS	Shaft	Weapons Effects	Less than 20 kt
540	Bevel	04/04/68	NTS	Shaft	Weapons Related	Less than 20 kt
541	Noor	04/10/68	NTS	Shaft	Weapons Related	20 to 200 kt
	Throw Simultaneous, separate holes	04/10/68	NTS	Shaft	Weapons Related	Less than 20 kt
542	Shuffle	04/18/68	NTS	Shaft	Weapons Related	20 to 200 kt
543	Scroll Nuclear test detection experiment Accidental release of radioactivity detected on site only	04/23/68	NTS	Shaft	Vela Uniform	Less than 20 kt
544	Boxcar	04/26/68	NTS	Shaft	Weapons Related	1.3 Mt
545	Hatchet	05/03/68	NTS	Shaft	Weapons Related	Less than 20 kt
546	Crock	05/08/68	NTS	Shaft	Weapons Related	Less than 20 kt
547	Clarksmobile	05/17/68	NTS	Shaft	Weapons Related	20 to 200 kt
548	Adze Accidental release of radioactivity detected on site only	05/28/68	NTS	Shaft	Weapons Related	Less than 20 kt
549	Wembley	06/05/68	NTS	Shaft	Weapons Related	Less than 20 kt
550	Tub-A	06/06/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tub-B	06/06/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tub-C	06/06/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tub-D	06/06/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tub-F Simultaneous, separate holes	06/06/68	NTS	Shaft	Weapons Related	Less than 20 kt
551	Rickey	06/15/68	NTS	Shaft	Weapons Related	20 to 200 kt
552	Funnel Accidental release of radioactivity detected on site only	06/25/68	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Crosslie -- Continued						
553	Sevilla Accidental release of radioactivity detected on site only	06/25/68	NTS	Shaft	Weapons Related	Less than 20 kt
554	Chateaugay	06/28/68	NTS	Shaft	Weapons Related	20 to 200 kt
Operation Bowline						
555	Spud	07/17/68	NTS	Shaft	Weapons Related	Less than 20 kt
556	Tanya	07/30/68	NTS	Shaft	Weapons Related	20 to 200 kt
557	Imp Accidental release of radioactivity detected on site only	08/09/68	NTS	Shaft	Weapons Related	Less than 20 kt
558	Rack	08/15/68	NTS	Shaft	Weapons Related	Less than 20 kt
559	Diana Moon DoD Test Accidental release of radioactivity detected on site only	08/27/68	NTS	Shaft	Weapons Effects	Less than 20 kt
560	Sled	08/29/68	NTS	Shaft	Weapons Related	20 to 200 kt
561	Noggin	09/06/68	NTS	Shaft	Weapons Related	20 to 200 kt
562	Knife A	09/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
563	Stoddard Excavation device development	09/17/68	NTS	Shaft	Plowshare	20 to 200 kt
564	Hudson Seal DoD Test	09/24/68	NTS	Tunnel	Weapons Effects	Less than 20 kt
565	Knife C	10/03/68	NTS	Shaft	Weapons Related	Less than 20 kt
566	Welder	10/03/68	NTS	Shaft	Safety Experiment	Less than 20 kt
567	Vat	10/10/68	NTS	Shaft	Weapons Related	Less than 20 kt
568	Hula Accidental release of radioactivity detected on site only	10/29/68	NTS	Shaft	Weapons Related	Less than 20 kt
569	Bit-A Bit-B Simultaneous, same hole	10/31/68 10/31/68	NTS NTS	Shaft Shaft	Safety Experiment Safety Experiment	Less than 20 kt Less than 20 kt
570	File	10/31/68	NTS	Shaft	Weapons Related	Less than 20 kt
571	Crew	11/04/68	NTS	Shaft	Weapons Related	20 to 200 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Bowline -- Continued						
572	Crew-2nd	11/04/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Crew-3rd Simultaneous, same hole	11/04/68	NTS	Shaft	Weapons Related	Less than 20 kt
573	Knife B	11/15/68	NTS	Shaft	Weapons Related	Less than 20 kt
574	Auger	11/15/68	NTS	Shaft	Weapons Related	Less than 20 kt
575	Ming Vase DoD Test	11/20/68	NTS	Tunnel	Weapons Effects	Less than 20 kt
576	Tinderbox	11/22/68	NTS	Shaft	Weapons Related	Less than 20 kt
577	Schooner Release of radioactivity detected off site	12/08/68	NTS	Crater	Plowshare	30 kt
578	Tyg-A	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tyg-B	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tyg-C	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tyg-D	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tyg-E	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
	Tyg-F Simultaneous, separate holes Accidental release of radioactivity detected on site only	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
579	Bay Leaf	12/12/68	NTS	Shaft	Safety Experiment	Less than 20 kt
580	Scissors Accidental release of radioactivity detected on site only	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
581	Benham	12/19/68	NTS	Shaft	Weapons Related	1.15 Mt
582	Packard Accidental release of radioactivity detected on site only	01/15/69	NTS	Shaft	Weapons Effects	10 kt
583	Wineskin	01/15/69	NTS	Shaft	Weapons Related	20 to 200 kt
584	Shave	01/22/69	NTS	Shaft	Weapons Related	Less than 20 kt
585	Vise	01/30/69	NTS	Shaft	Weapons Related	20 to 200 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Bowline -- Continued						
586	Biggin	01/30/69	NTS	Shaft	Weapons Related	Less than 20 kt
587	Nipper	02/04/69	NTS	Shaft	Weapons Related	Less than 20 kt
588	Winch	02/04/69	NTS	Shaft	Weapons Related	Less than 20 kt
589	Cypress	02/12/69	NTS	Tunnel	Weapons Effects	Less than 20 kt
590	Valise	03/18/69	NTS	Shaft	Safety Experiment	Less than 20 kt
591	Chatty	03/18/69	NTS	Shaft	Weapons Related	Less than 20 kt
592	Barsac Accidental release of radioactivity detected on site only	03/20/69	NTS	Shaft	Weapons Related	Less than 20 kt
593	Coffer	03/21/69	NTS	Shaft	Weapons Related	Less than 100 kt
594	Gourd-Amber Gourd-Brown Simultaneous, separate holes	04/24/69 04/24/69	NTS NTS	Shaft Shaft	Weapons Related Weapons Related	Less than 20 kt Less than 20 kt
595	Thistle	04/30/69	NTS	Shaft	Weapons Related	20 to 200 kt
596	Blenton Accidental release of radioactivity detected on site only	04/30/69	NTS	Shaft	Weapons Related	20 to 200 kt
597	Purse	05/07/69	NTS	Shaft	Weapons Related	20 to 200 kt
598	Aliment	05/15/69	NTS	Shaft	Weapons Related	Less than 20 kt
599	Torrado	05/27/69	NTS	Shaft	Weapons Related	20 to 200 kt
600	Ipecac-A Ipecac-B Simultaneous, separate holes Accidental release of radioactivity detected on site (trace)	05/27/69 05/27/69	NTS NTS	Shaft Shaft	Safety Experiment Safety Experiment	Less than 20 kt Less than 20 kt
601	Tapper Accidental release of radioactivity detected on site only	06/12/69	NTS	Shaft	Weapons Related	Less than 20 kt
602	Bowl-1 Bowl-2 Simultaneous, separate holes	06/26/69 06/26/69	NTS NTS	Shaft Shaft	Weapons Related Weapons Related	Less than 20 kt Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Mandrel						
603	Ildrim	07/16/69	NTS	Shaft	Weapons Related	20 to 200 kt
604	Hutch	07/16/69	NTS	Shaft	Weapons Related	20 to 200 kt
605	Spider-A	08/14/69	NTS	Shaft	Weapons Related	Less than 20 kt
	Spider-B Simultaneous, separate holes	08/14/69	NTS	Shaft	Weapons Related	Less than 20 kt
606	Pliers Accidental release of radioactivity detected on site only	08/27/69	NTS	Shaft	Weapons Related	Less than 20 kt
607	Horehound	08/27/69	NTS	Shaft	Weapons Related	Less than 20 kt
608	Rulison Joint Government/industry gas stimulation experiment	09/10/69	Grand Valley, Colorado	Shaft	Plowshare	40 kt
	Operational release of radioactivity detected off site					
609	Minute Steak DoD Test Accidental release of radioactivity detected on site only	09/12/69	NTS	Shaft	Weapons Effects	Less than 20 kt
610	Jorum	09/16/69	NTS	Shaft	Weapons Related	Less than 1 Mt
611	Kyack-A	09/20/69	NTS	Shaft	Weapons Related	Less than 20 kt
	Kyack-B Simultaneous, separate holes Accidental release of radioactivity detected on site only	09/20/69	NTS	Shaft	Weapons Related	Less than 20 kt
612	Seaweed-C	10/01/69	NTS	Shaft	Safety Experiment	Less than 20 kt
	Seaweed-D	10/01/69	NTS	Shaft	Safety Experiment	Less than 20 kt
	Seaweed-E Simultaneous, separate holes Accidental release of radioactivity detected on site only	10/01/69	NTS	Shaft	Safety Experiment	Less than 20 kt
613	Milrow Seismic calibration	10/02/69	Amchitka, Alaska	Shaft	Weapons Related	About 1 Mt
614	Pipkin	10/08/69	NTS	Shaft	Weapons Related	200 to 1000 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Mandrel -- Continued						
615	Seaweed B Accidental release of radioactivity detected on site only	10/16/69	NTS	Shaft	Safety Experiment	Less than 20 kt
616	Cruet	10/29/69	NTS	Shaft	Weapons Related	11 kt
617	Pod-A	10/29/69	NTS	Shaft	Weapons Related	16.7 kt (Total)
	Pod-B	10/29/69	NTS	Shaft	Weapons Related	
	Pod-C	10/29/69	NTS	Shaft	Weapons Related	
	Pod-D Simultaneous, separate holes Accidental release of radioactivity detected off site only	10/29/69	NTS	Shaft	Weapons Related	
618	Calabash	10/29/69	NTS	Shaft	Weapons Related	110 kt
619	Scuttle Accidental release of radioactivity detected off site by aircraft only	11/13/69	NTS	Shaft	Weapons Related	1.7 kt
620	Piccalilli	11/21/69	NTS	Shaft	Weapons Related	20 to 200 kt
621	Planer	11/21/69	NTS	Shaft	Weapons Related	Less than 20 kt
622	Diesel Train DoD Test	12/05/69	NTS	Tunnel	Weapons Effects	Less than 20 kt
623	Culantro-A	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
	Culantro-B Simultaneous, separate holes	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
624	Tun-A	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
	Tun-B	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
	Tun-C	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
	Tun-D Simultaneous, separate holes Accidental release of radioactivity detected on site only	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
625	Grape A	12/17/69	NTS	Shaft	Weapons Related	20 to 200 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Mandrel -- Continued						
626	Lovage	12/17/69	NTS	Shaft	Weapons Related	Less than 20 kt
627	Terrine-White	12/18/69	NTS	Shaft	Weapons Related	20 to 200 kt
	Terrine-Yellow Simultaneous, separate holes	12/18/69	NTS	Shaft	Weapons Related	20 to 200 kt
	Fob-Green	01/23/70	NTS	Shaft	Weapons Related	Less than 20 kt
628	Fob-Red	01/23/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Fob-Blue Simultaneous, separate holes	01/23/70	NTS	Shaft	Weapons Related	Less than 20 kt
629	Ajo In mined shaft	01/30/70	NTS	Shaft	Weapons Related	Less than 20 kt
630	Grape B	02/04/70	NTS	Shaft	Weapons Related	20 to 200 kt
631	Belen	02/04/70	NTS	Shaft	Weapons Related	20 to 200 kt
632	Labis	02/05/70	NTS	Shaft	Weapons Related	25 kt
633	Diana Mist DoD Test	02/11/70	NTS	Tunnel	Weapons Effects	Less than 20 kt
634	Cumarin	02/25/70	NTS	Shaft	Weapons Related	20 to 200 kt
635	Yannigan-Red	02/26/70	NTS	Shaft	Weapons Related	20 to 200 kt
	Yannigan-Blue	02/26/70	NTS	Shaft	Weapons Related	20 to 200 kt
	Yannigan-White Simultaneous, separate holes	02/26/70	NTS	Shaft	Weapons Related	20 to 200 kt
636	Cyathus	03/06/70	NTS	Shaft	Weapons Related	8.7 kt
637	Arabis-Red	03/06/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Arabis-Green	03/06/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Arabis-Blue Simultaneous, separate holes	03/06/70	NTS	Shaft	Safety Experiment	Less than 20 kt
638	Jal	03/19/70	NTS	Shaft	Weapons Related	Less than 20 kt
639	Shaper	03/23/70	NTS	Shaft	Weapons Related	20 to 200 kt
640	Handley	03/26/70	NTS	Shaft	Weapons Related	More than 1 Mt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Mandrel -- Continued						
641	Snubber Accidental release of radioactivity detected off site	04/21/70	NTS	Shaft	Weapons Effects	12.7 kt
642	Can-Green	04/21/70	NTS	Shaft	Weapons Related	20 to 200 kt
	Can-Red Simultaneous, separate holes	04/21/70	NTS	Shaft	Weapons Related	20 to 200 kt
643	Beebalm	05/01/70	NTS	Shaft	Weapons Related	Less than 20 kt
644	Hod-A (Green)	05/01/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Hod-B (Red) Simultaneous, separate holes Accidental release of radioactivity detected on site only	05/01/70	NTS	Shaft	Weapons Related	Less than 20 kt
645	Hod-C (Blue)	05/01/70	NTS	Shaft	Safety Experiment	Less than 20 kt
646	Mint Leaf DoD Test Controlled release of radioactivity detected off site	05/05/70	NTS	Tunnel	Weapons Effects	Less than 20 kt
	Diamond Dust DoD Test Nuclear test detection experiment	05/12/70	NTS	Tunnel	Vela Uniform	Less than 20 kt
648	Cornice-Yellow	05/15/70	NTS	Shaft	Weapons Related	20 to 200 kt
	Cornice-Green Simultaneous, separate holes	05/15/70	NTS	Shaft	Weapons Related	20 to 200 kt
649	Manzanas Accidental release of radioactivity detected on site only	05/21/70	NTS	Shaft	Weapons Related	Less than 20 kt
650	Morrone	05/21/70	NTS	Shaft	Weapons Related	20 to 200 kt
651	Hudson Moon DoD Test Accidental release of radioactivity detected on site only	05/26/70	NTS	Tunnel	Weapons Effects	Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Mandrel -- Continued						
652	Flask-Green	05/26/70	NTS	Shaft	Plowshare	105 kt
	Flask-Yellow	05/26/70	NTS	Shaft	Plowshare	Less than 20 kt
	Flask-Red Simultaneous, separate holes Accidental release of radioactivity detected on site only	05/26/70	NTS	Shaft	Plowshare	Less than 20 kt
653	Piton-C Accidental release of radioactivity detected on site only	05/28/70	NTS	Shaft	Weapons Related	Less than 20 kt
654	Piton-A	05/28/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Piton-B Simultaneous, separate holes Accidental release of radioactivity detected on site only	05/28/70	NTS	Shaft	Weapons Related	Less than 20 kt
655	Arnica-Yellow	06/26/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Arnica-Violet	06/26/70	NTS	Shaft	Weapons Related	Less than 20 kt
Operation Emery						
656	Scree-Acajou	10/13/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Scree-Alhambra	10/13/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Scree-Chamois Simultaneous, separate holes Accidental release of radioactivity detected on site only	10/13/70	NTS	Shaft	Safety Experiment	Less than 20 kt
657	Tijeras	10/14/70	NTS	Shaft	Weapons Related	20 to 200 kt
658	Truchas-Chacon	10/28/70	NTS	Shaft	Safety Experiment	Less than 20 kt
	Truchas-Chamisal	10/28/70	NTS	Shaft	Safety Experiment	Less than 20 kt
658	Truchas-Rodarte Simultaneous, separate holes Accidental release of radioactivity detected on site only	10/28/70	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Emery -- Continued						
659	Abeytas	11/05/70	NTS	Shaft	Weapons Related	20 to 200 kt
660	Penasco	11/19/70	NTS	Shaft	Weapons Related	Less than 20 kt
661	Carrizozo	12/03/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Corazon Simultaneous, separate holes	12/03/70	NTS	Shaft	Weapons Related	Less than 20 kt
662	Artesia	12/16/70	NTS	Shaft	Weapons Related	20 to 200 kt
663	Avens-Andorre	12/16/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Avens-Alkermes	12/16/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Avens-Asamite	12/16/70	NTS	Shaft	Weapons Related	Less than 20 kt
	Avens-Cream Simultaneous, separate holes Accidental release of radioactivity detected on site only	12/16/70	NTS	Shaft	Weapons Related	Less than 20 kt
664	Canijlon	12/16/70	NTS	Shaft	Weapons Related	Less than 20 kt
665	Carpetbag	12/17/70	NTS	Shaft	Weapons Related	220 kt
666	Baneberry Accidental release of radioactivity detected off site	12/18/70	NTS	Shaft	Weapons Related	10 kt
667	Embudo	06/16/71	NTS	Shaft	Weapons Related	Less than 20 kt
668	Laguna	06/23/71	NTS	Shaft	Weapons Related	20 to 200 kt
669	Dexter	06/23/71	NTS	Shaft	Safety Experiment	Less than 20 kt
670	Harebell	06/24/71	NTS	Shaft	Weapons Related	20 to 200 kt
671	Camphor Accidental release of radioactivity detected on site only	06/29/71	NTS	Tunnel	Weapons Effects	Less than 20 kt
Operation Grommet						
672	Diamond Mine DoD Test Nuclear test detection experiment	07/01/71	NTS	Tunnel	Vela Uniform	Less than 20 kt
673	Miniata Device development experiment	07/08/71	NTS	Shaft	Plowshare	83 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Grommet -- Continued						
674	Bracken	07/09/71	NTS	Shaft	Weapons Related	Less than 20 kt
675	Apodaca	07/21/71	NTS	Shaft	Weapons Related	Less than 20 kt
676	Barranca	08/04/71	NTS	Shaft	Weapons Related	Less than 20 kt
677	Nama-Amarylis	08/05/71	NTS	Shaft	Weapons Related	Less than 20 kt
	Nama-Mephisto Simultaneous, separate holes	08/05/71	NTS	Shaft	Weapons Related	Less than 20 kt
678	Baltic	08/06/71	NTS	Shaft	Weapons Related	Less than 20 kt
679	Algodones	08/18/71	NTS	Shaft	Weapons Related	20 to 200 kt
680	Frijoles-Deming	09/22/71	NTS	Shaft	Safety Experiment	Less than 20 kt
	Frijoles-Espuela	09/22/71	NTS	Shaft	Safety Experiment	Less than 20 kt
	Frijoles-Guaje	09/22/71	NTS	Shaft	Weapons Related	Less than 20 kt
	Frijoles-Petaca Simultaneous, separate holes	09/22/71	NTS	Shaft	Weapons Related	Less than 20 kt
681	Pedernal	09/29/71	NTS	Shaft	Weapons Related	Less than 20 kt
682	Chantilly	09/29/71	NTS	Shaft	Weapons Related	Less than 20 kt
683	Cathay	10/08/71	NTS	Shaft	Weapons Related	Less than 20 kt
684	Lagoon	10/14/71	NTS	Shaft	Weapons Related	Less than 20 kt
685	Cannikin Test of warhead for Spartan missile	11/06/71	Amchitka, Alaska	Shaft	Weapons Related	Less than 5 Mt
686	Diagonal Line DoD Test Accidental release of radioactivity detected off site by aircraft only	1/24/71	NTS	Shaft	Weapons Effects	Less than 20 kt
687	Parnassia	11/30/71	NTS	Shaft	Weapons Related	Less than 20 kt
688	Chaenactis	12/14/71	NTS	Shaft	Weapons Related	20 to 200 kt
689	Hospah	12/14/71	NTS	Shaft	Weapons Related	Less than 20 kt
690	Yerba	12/14/71	NTS	Shaft	Weapons Related	Less than 20 kt
691	Mescalero	01/05/72	NTS	Shaft	Weapons Related	Less than 20 kt
692	Cowles	02/03/72	NTS	Shaft	Weapons Related	Less than 20 kt
693	Dianthus	02/17/72	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Grommet -- Continued						
694	Sappho	03/23/72	NTS	Shaft	Weapons Related	Less than 20 kt
695	Ocate	03/30/72	NTS	Shaft	Weapons Related	Less than 20 kt
	Onaja Simultaneous, separate holes	03/30/72	NTS	Shaft	Weapons Related	Less than 20 kt
696	Longchamps	04/19/72	NTS	Shaft	Weapons Related	Less than 20 kt
697	Jicarilla	04/19/72	NTS	Shaft	Weapons Related	Less than 20 kt
698	Misty North DoD Test	05/02/72	NTS	Tunnel	Weapons Effects	Less than 20 kt
699	Kara	05/11/72	NTS	Shaft	Weapons Related	Less than 20 kt
700	Zinnia	05/17/72	NTS	Shaft	Weapons Related	Less than 20 kt
701	Monero	05/19/72	NTS	Shaft	Weapons Related	Less than 20 kt
702	Merida	06/07/72	NTS	Shaft	Weapons Related	Less than 20 kt
703	Capitan	06/28/72	NTS	Shaft	Weapons Related	Less than 20 kt
704	Haplopappus	06/28/72	NTS	Shaft	Weapons Related	Less than 20 kt
705	Tajique	06/28/72	NTS	Shaft	Weapons Related	Less than 20 kt
Operation Toggle						
706	Diamond Sculls DoD Test	07/20/72	NTS	Tunnel	Weapons Effects	Less than 20 kt
707	Atarque	07/25/72	NTS	Shaft	Weapons Related	Less than 20 kt
708	Cebolla	08/09/72	NTS	Shaft	Weapons Related	Less than 20 kt
	Cuchillo	08/09/72	NTS	Shaft	Weapons Related	Less than 20 kt
	Solano Simultaneous, separate holes	08/09/72	NTS	Shaft	Safety Experiment	Less than 20 kt
709	Oscuro	09/21/72	NTS	Shaft	Weapons Related	20 to 200 kt
710	Delphinium	09/26/72	NTS	Shaft	Weapons Related	15 kt
711	Akbar	11/09/72	NTS	Shaft	Weapons Related	Less than 20 kt
712	Arsenate	11/09/72	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Toggle -- Continued						
713	Canna-Umbrinus	11/17/72	NTS	Shaft	Weapons Related	Less than 20 kt
	Canna-Limoges Simultaneous, same hole	11/17/72	NTS	Shaft	Safety Experiment	Less than 20 kt
714	Tuloso	12/12/72	NTS	Shaft	Weapons Related	Less than 20 kt
715	Solanum	12/14/72	NTS	Shaft	Weapons Related	Less than 20 kt
716	Flax-Source	12/21/72	NTS	Shaft	Weapons Related	Less than 20 kt
	Flax-Test	12/21/72	NTS	Shaft	Weapons Effects	20 to 200 kt
717	Flax-Backup Simultaneous, same hole	12/21/72	NTS	Shaft	Weapons Effects	Less than 20 kt
718	Alumroot	02/14/73	NTS	Shaft	Weapons Related	Less than 20 kt
719	Miera	03/08/73	NTS	Shaft	Weapons Related	20 to 200 kt
720	Gazook	03/23/73	NTS	Shaft	Weapons Related	Less than 20 kt
721	Natoma	04/05/73	NTS	Shaft	Weapons Related	Less than 20 kt
722	Angus	04/25/73	NTS	Shaft	Weapons Related	Less than 20 kt
	Velarde Simultaneous, separate holes	04/25/73	NTS	Shaft	Weapons Related	Less than 20 kt
723	Starwort	04/26/73	NTS	Shaft	Weapons Related	90 kt
724	Colmor	04/26/73	NTS	Shaft	Weapons Related	Less than 20 kt
725	Mesita	05/09/73	NTS	Shaft	Weapons Related	Less than 20 kt
	Rio Blanco-1	05/17/73	Rifle, Colorado	Shaft	Plowshare	33 kt
	Rio Blanco-2	05/17/73	Rifle, Colorado	Shaft	Plowshare	33 kt
726	Rio Blanco-3 Simultaneous, same hole Joint Government/industry gas stimulation experiment	05/17/73	Rifle, Colorado	Shaft	Plowshare	33 kt
727	Cabresto	05/24/73	NTS	Shaft	Weapons Related	Less than 20 kt
728	Kashan	05/24/73	NTS	Shaft	Weapons Related	Less than 20 kt
729	Dido Queen DoD Test	06/05/73	NTS	Tunnel	Weapons Effects	Less than 20 kt
730	Almendo	06/06/73	NTS	Shaft	Weapons Related	200 to 1000 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Toggle -- Continued						
731	Potrillo	06/21/73	NTS	Shaft	Weapons Related	20 to 200 kt
732	Portulaca	06/28/73	NTS	Shaft	Weapons Related	20 to 200 kt
733	Silene	06/28/73	NTS	Shaft	Weapons Related	Less than 20 kt
Operation Arbor						
734	Polygonum	10/02/73	NTS	Shaft	Weapons Related	Less than 20 kt
735	Waller	10/02/73	NTS	Shaft	Weapons Related	Less than 20 kt
736	Husky Ace DoD Test	10/12/73	NTS	Tunnel	Weapons Effects	Less than 20 kt
737	Bernal	11/28/73	NTS	Shaft	Weapons Related	Less than 20 kt
738	Pajara	12/12/73	NTS	Shaft	Weapons Related	Less than 20 kt
739	Seafoam	12/13/73	NTS	Shaft	Weapons Related	Less than 20 kt
740	Elida	12/19/73	NTS	Shaft	Weapons Related	Less than 20 kt
741	Spar	12/19/73	NTS	Shaft	Safety Experiment	Less than 20 kt
742	Pinedrops-Sloat	01/10/74	NTS	Shaft	Weapons Related	Less than 20 kt
	Pinedrops-Tawny	01/10/74	NTS	Shaft	Weapons Related	Less than 20 kt
	Pinedrops-Bayou Simultaneous, same hole	01/10/74	NTS	Shaft	Weapons Related	Less than 20 kt
743	Latir	02/27/74	NTS	Shaft	Weapons Related	20 to 200 kt
744	Hulsea	03/14/74	NTS	Shaft	Weapons Related	Less than 20 kt
745	Sapello	04/12/74	NTS	Shaft	Weapons Related	Less than 20 kt
746	Portrero	04/23/74	NTS	Shaft	Weapons Related	Less than 20 kt
747	Plomo	05/01/74	NTS	Shaft	Weapons Related	Less than 20 kt
748	Jib	05/08/74	NTS	Shaft	Weapons Related	Less than 20 kt
749	Grove	05/22/74	NTS	Shaft	Weapons Related	Less than 20 kt
750	Fallon	05/23/74	NTS	Shaft	Joint US-UK	20 to 200 kt
751	Jara	06/06/74	NTS	Shaft	Weapons Related	Less than 20 kt
752	Ming Blade DoD Test	06/19/74	NTS	Tunnel	Weapons Effects	Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Bedrock						
753	Escabosa	07/10/74	NTS	Shaft	Weapons Related	20 to 200 kt
754	Crestlake-Tansan	07/18/74	NTS	Shaft	Weapons Related	Less than 20 kt
	Crestlake-Briar Simultaneous, same hole	07/18/74	NTS	Shaft	Weapons Related	Less than 20 kt
755	Puye	08/14/74	NTS	Shaft	Weapons Related	Less than 20 kt
756	Portmanteau	08/30/74	NTS	Shaft	Weapons Related	20 to 200 kt
757	Pratt	09/25/74	NTS	Shaft	Weapons Related	Less than 20 kt
758	Stanyan	09/26/74	NTS	Shaft	Weapons Related	20 to 200 kt
759	Trumbull	09/26/74	NTS	Shaft	Weapons Related	Less than 20 kt
760	Estaca	10/17/74	NTS	Shaft	Weapons Related	Less than 20 kt
761	Hybla Fair DoD Test	10/28/74	NTS	Tunnel	Weapons Effects	Less than 20 kt
762	Temescal	11/02/74	NTS	Shaft	Weapons Related	Less than 20 kt
763	Puddle	11/26/74	NTS	Shaft	Safety Experiment	Less than 20 kt
764	Keel	12/16/74	NTS	Shaft	Weapons Related	Less than 20 kt
765	Portola	02/06/75	NTS	Shaft	Weapons Related	Less than 20 kt
	Portola-Larkin Simultaneous, same hole	02/06/75	NTS	Shaft	Weapons Related	Less than 20 kt
766	Teleme	02/06/75	NTS	Shaft	Weapons Related	Less than 20 kt
767	Bilge	02/19/75	NTS	Shaft	Weapons Related	Less than 20 kt
768	Topgallant	02/28/75	NTS	Shaft	Weapons Related	20 to 200 kt
769	Cabrillo	03/07/75	NTS	Shaft	Weapons Related	20 to 200 kt
770	Dining Car DoD Test	04/05/75	NTS	Tunnel	Weapons Effects	Less than 20 kt
771	Edam	04/24/75	NTS	Shaft	Weapons Related	20 to 200 kt
772	Obar	04/30/75	NTS	Shaft	Weapons Related	20 to 200 kt
773	Tybo	05/14/75	NTS	Shaft	Weapons Related	200 to 1000 kt
774	Stilton	06/03/75	NTS	Shaft	Weapons Related	20 to 200 kt
775	Mizzen	06/03/75	NTS	Shaft	Weapons Related	20 to 200 kt
776	Alviso	06/11/75	NTS	Shaft	Safety Experiment	Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Bedrock -- Continued					
777	Fullock	06/18/75	NTS	Shaft	Safety Experiment
778	Mast	06/19/75	NTS	Shaft	Weapons Related
779	Camembert	06/26/75	NTS	Shaft	Weapons Related
Operation Anvil					
780	Marsh	09/06/75	NTS	Shaft	Weapons Related
781	Husky Pup DoD Test	10/24/75	NTS	Tunnel	Weapons Effects
782	Kasserl	10/28/75	NTS	Shaft	Weapons Related
783	Deck	11/18/75	NTS	Shaft	Weapons Related
784	Inlet	11/20/75	NTS	Shaft	Weapons Related
785	Leyden	11/26/75	NTS	Shaft	Weapons Related
786	Chiberta	12/20/75	NTS	Shaft	Weapons Related
787	Muenster	01/03/76	NTS	Shaft	Weapons Related
788	Keelson	02/04/76	NTS	Shaft	Weapons Related
789	Esrom	02/04/76	NTS	Shaft	Weapons Related
790	Fontina	02/12/76	NTS	Shaft	Weapons Related
791	Cheshire	02/14/76	NTS	Shaft	Weapons Related
792	Shallows	02/26/76	NTS	Shaft	Weapons Related
793	Estuary	03/09/76	NTS	Shaft	Weapons Related
794	Colby	03/14/76	NTS	Shaft	Weapons Related
795	Pool	03/17/76	NTS	Shaft	Weapons Related
796	Strait	03/17/76	NTS	Shaft	Weapons Related
797	Mighty Epic DoD Test	05/12/76	NTS	Tunnel	Weapons Effects
798	Rivoli	05/20/76	NTS	Shaft	Weapons Related
799	Billet	07/27/76	NTS	Shaft	Weapons Related
800	Banon	08/26/76	NTS	Shaft	Joint US-UK
Operation Fulcrum					
801	Gouda	10/06/76	NTS	Shaft	Weapons Related
802	Sprit	11/10/76	NTS	Shaft	Weapons Related

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Fulcrum -- Continued						
803	Chevre	11/23/76	NTS	Shaft	Weapons Related	Less than 20 kt
804	Redmud	12/08/76	NTS	Shaft	Weapons Related	Less than 20 kt
805	Asiago	12/21/76	NTS	Shaft	Weapons Related	Less than 20 kt
806	Sufter	12/21/76	NTS	Shaft	Weapons Related	Less than 20 kt
807	Rudder	12/28/76	NTS	Shaft	Weapons Related	20 to 150 kt
808	Cove	02/16/77	NTS	Shaft	Weapons Related	Less than 20 kt
	Oarlock Simultaneous, separate holes	02/16/77	NTS	Shaft	Weapons Related	Less than 20 kt
809	Dofino	03/08/77	NTS	Shaft	Weapons Related	Less than 20 kt
	Dofino-Lawton Simultaneous, same hole	03/08/77	NTS	Shaft	Weapons Related	Less than 20 kt
810	Marsilly	04/05/77	NTS	Shaft	Weapons Related	20 to 150 kt
811	Bulkhead	04/27/77	NTS	Shaft	Weapons Related	20 to 150 kt
812	Crewline	05/25/77	NTS	Shaft	Weapons Related	20 to 150 kt
813	Forefoot	06/02/77	NTS	Shaft	Weapons Related	Less than 20 kt
814	Carnelian	07/28/77	NTS	Shaft	Weapons Related	Less than 20 kt
815	Strake	08/04/77	NTS	Shaft	Weapons Related	20 to 150 kt
816	Flotost	08/16/77	NTS	Shaft	Weapons Related	Less than 20 kt
817	Gruyere	08/16/77	NTS	Shaft	Weapons Related	Less than 20 kt
	Gruyere-Gradino Simultaneous, same hole	08/16/77	NTS	Shaft	Weapons Related	Less than 20 kt
818	Scantling	08/19/77	NTS	Shaft	Weapons Related	20 to 150 kt
819	Scupper	08/19/77	NTS	Shaft	Weapons Related	Less than 20 kt
820	Ebbtide	09/15/77	NTS	Shaft	Weapons Related	Less than 20 kt
821	Coulommiers	09/27/77	NTS	Shaft	Weapons Related	20 to 150 kt
Operation Cresset						
822	Bobstay	10/26/77	NTS	Shaft	Weapons Related	Less than 20 kt
823	Hybla Gold DoD Test	11/01/77	NTS	Tunnel	Weapons Effects	Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Cresset -- Continued						
824	Sandreef	11/09/77	NTS	Shaft	Weapons Related	20 to 150 kt
825	Seamount	11/17/77	NTS	Shaft	Weapons Related	Less than 20 kt
826	Farallones	12/14/77	NTS	Shaft	Weapons Related	20 to 150 kt
827	Rib	12/14/77	NTS	Shaft	Weapons Related	Less than 20 kt
828	Campos	02/13/78	NTS	Shaft	Weapons Related	Less than 20 kt
829	Reblochon	02/23/78	NTS	Shaft	Weapons Related	20 to 150 kt
830	Karab	03/16/78	NTS	Shaft	Weapons Related	Less than 20 kt
831	Iceberg	03/23/78	NTS	Shaft	Weapons Related	20 to 150 kt
832	Topmast	03/23/78	NTS	Shaft	Weapons Related	Less than 20 kt
833	Backbeach	04/11/78	NTS	Shaft	Weapons Related	20 to 150 kt
834	Fondutta	04/11/78	NTS	Shaft	Joint US-UK	20 to 150 kt
835	Asco	04/25/78	NTS	Shaft	Safety Experiment	Less than 20 kt
836	Transom No nuclear yield Device was destroyed by Hearts detonation on 09/06/79	05/10/78	NTS	Shaft	Weapons Related	Zero
837	Jackpots	06/01/78	NTS	Shaft	Weapons Related	Less than 20 kt
838	Salz	07/07/78	NTS	Shaft	Weapons Related	Less than 20 kt
839	Lowball	07/12/78	NTS	Shaft	Weapons Related	20 to 150 kt
840	Panir	08/31/78	NTS	Shaft	Weapons Related	20 to 150 kt
841	Diablo Hawk DoD Test	09/13/78	NTS	Tunnel	Weapons Effects	Less than 20 kt
842	Draughts	09/27/78	NTS	Shaft	Weapons Related	20 to 150 kt
843	Rummy	09/27/78	NTS	Shaft	Weapons Related	20 to 150 kt
844	Cremino Cremino-Caerphilly Simultaneous, same hole	09/27/78 09/27/78	NTS NTS	Shaft Shaft	Weapons Related Weapons Related	Less than 20 kt Less than 20 kt
Operation Quicksilver						
845	Emmenthal	11/02/78	NTS	Shaft	Weapons Related	Less than 20 kt
846	Quargel	11/18/78	NTS	Shaft	Joint US-UK	20 to 150 kt
847	Concentration	12/01/78	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Quicksilver -- Continued						
848	Farm	12/16/78	NTS	Shaft	Weapons Related	20 to 150 kt
849	Baccarat	01/24/79	NTS	Shaft	Weapons Related	Less than 20 kt
850	Quinella	02/08/79	NTS	Shaft	Weapons Related	20 to 150 kt
851	Kloster	02/15/79	NTS	Shaft	Weapons Related	20 to 150 kt
852	Memory	03/14/79	NTS	Shaft	Weapons Related	Less than 20 kt
853	Freezeout	05/11/79	NTS	Shaft	Weapons Related	Less than 20 kt
854	Pepato	06/11/79	NTS	Shaft	Weapons Related	20 to 150 kt
855	Chess	06/20/79	NTS	Shaft	Weapons Related	Less than 20 kt
856	Fajy	06/28/79	NTS	Shaft	Weapons Related	20 to 150 kt
857	Burzet	08/03/79	NTS	Shaft	Weapons Related	20 to 150 kt
858	Offshore	08/08/79	NTS	Shaft	Weapons Related	20 to 150 kt
859	Nessel	08/29/79	NTS	Shaft	Joint US-UK	20 to 150 kt
860	Hearts Detonation destroyed Transom device that did not detonate on 05/10/78	09/06/79	NTS	Shaft	Weapons Related	140 kt
861	Pera	09/08/79	NTS	Shaft	Weapons Related	Less than 20 kt
862	Sheepshead	09/26/79	NTS	Shaft	Weapons Related	20 to 150 kt
Operation Tinderbox						
863	Backgammon	11/29/79	NTS	Shaft	Weapons Related	Less than 20 kt
864	Azul Detonation destroyed Peninsula device that was damaged during emplacement on 10/23/75 Peninsula device was not tested	12/14/79	NTS	Shaft	Weapons Related	Less than 20 kt
865	Tarko	02/28/80	NTS	Shaft	Weapons Related	Less than 20 kt
866	Norbo	03/08/80	NTS	Shaft	Weapons Related	Less than 20 kt
867	Liptauer	04/03/80	NTS	Shaft	Weapons Related	20 to 150 kt
868	Pyramid	04/16/80	NTS	Shaft	Weapons Related	20 to 150 kt
869	Colwick	04/26/80	NTS	Shaft	Joint US-UK	20 to 150 kt
870	Canfield	05/02/80	NTS	Shaft	Weapons Related	Less than 20 kt
871	Flora	05/22/80	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Tinderbox -- Continued						
872	Kash	06/12/80	NTS	Shaft	Weapons Related	20 to 150 kt
873	Huron King DoD Test	06/24/80	NTS	Shaft	Weapons Effects	Less than 20 kt
874	Tafi	07/25/80	NTS	Shaft	Weapons Related	20 to 150 kt
875	Verdello	07/31/80	NTS	Shaft	Weapons Related	Less than 20 kt
876	Bonarda	09/25/80	NTS	Shaft	Weapons Related	20 to 150 kt
877	Riola Accidental release of radioactivity detected off site	09/25/80	NTS	Shaft	Weapons Related	1.07 kt
Operation Guardian						
878	Dutchess	10/24/80	NTS	Shaft	Joint US-UK	Less than 20 kt
879	Miners Iron DoD Test	10/31/80	NTS	Tunnel	Weapons Effects	Less than 20 kt
880	Dauphin	11/14/80	NTS	Shaft	Weapons Related	Less than 20 kt
881	Serpa	12/17/80	NTS	Shaft	Joint US-UK	20 to 150 kt
882	Baseball	01/15/81	NTS	Shaft	Weapons Related	20 to 150 kt
883	Clairette	02/05/81	NTS	Shaft	Weapons Related	Less than 20 kt
884	Seco	02/25/81	NTS	Shaft	Weapons Related	Less than 20 kt
885	Vide	04/30/81	NTS	Shaft	Weapons Related	Less than 20 kt
886	Aligote	05/29/81	NTS	Shaft	Weapons Related	Less than 20 kt
887	Harzer	06/06/81	NTS	Shaft	Weapons Related	20 to 150 kt
888	Niza	07/10/81	NTS	Shaft	Weapons Related	Less than 20 kt
889	Pineau	07/16/81	NTS	Shaft	Weapons Related	Less than 20 kt
890	Havarti	08/05/81	NTS	Shaft	Weapons Related	Less than 20 kt
891	Islay	08/27/81	NTS	Shaft	Weapons Related	Less than 20 kt
892	Trebbiano	09/04/81	NTS	Shaft	Weapons Related	Less than 20 kt
893	Cernada	09/24/81	NTS	Shaft	Weapons Related	Less than 20 kt
Operation Praetorian						
894	Paliza	10/01/81	NTS	Shaft	Weapons Related	20 to 150 kt
895	Tilci	11/11/81	NTS	Shaft	Weapons Related	20 to 150 kt
896	Rousanne	11/12/81	NTS	Shaft	Joint US-UK	20 to 150 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Praetorian -- Continued					
897	12/03/81	NTS	Shaft	Weapons Related	20 to 150 kt
898	12/16/81	NTS	Shaft	Weapons Related	Less than 20 kt
899	01/28/82	NTS	Shaft	Weapons Related	139 kt
900	02/12/82	NTS	Shaft	Weapons Related	20 to 150 kt
901	02/12/82	NTS	Shaft	Weapons Related	20 to 150 kt
902	04/17/82	NTS	Shaft	Weapons Related	Less than 20 kt
903	04/25/82	NTS	Shaft	Joint US-UK	20 to 150 kt
904	05/06/82	NTS	Shaft	Weapons Related	Less than 20 kt
905	05/07/82	NTS	Shaft	Weapons Related	20 to 150 kt
906	06/16/82	NTS	Shaft	Weapons Related	Less than 20 kt
907	06/24/82	NTS	Shaft	Weapons Related	20 to 150 kt
908	07/29/82	NTS	Shaft	Weapons Related	20 to 150 kt
909	08/05/82	NTS	Shaft	Weapons Related	138 kt
910	08/11/82	NTS	Shaft	Weapons Related	Less than 20 kt
911	09/02/82	NTS	Shaft	Weapons Related	Less than 20 kt
912	09/23/82	NTS	Tunnel	Weapons Effects	Less than 20 kt
913	09/23/82	NTS	Tunnel	Weapons Effects	Less than 20 kt
	09/23/82	NTS	Shaft	Weapons Related	20 to 150 kt
	09/29/82	NTS	Shaft	Weapons Related	Less than 150 kt
Operation Phalanx					
916	11/12/82	NTS	Shaft	Weapons Related	Less than 20 kt
917	12/10/82	NTS	Shaft	Weapons Related	20 to 150 kt
918	02/11/83	NTS	Shaft	Weapons Related	Less than 20 kt
919	02/17/83	NTS	Shaft	Weapons Related	Less than 20 kt
920	03/26/83	NTS	Shaft	Weapons Related	20 to 150 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Phalanx -- Continued						
921	Turquoise	04/14/83	NTS	Shaft	Weapons Related	Less than 150 kt
922	Armada	04/22/83	NTS	Shaft	Joint US-UK	Less than 20 kt
923	Crowdie	05/05/83	NTS	Shaft	Weapons Related	Less than 20 kt
924	Mini Jade DoD Test	05/26/83	NTS	Tunnel	Weapons Effects	Less than 20 kt
925	Fahada	05/26/83	NTS	Shaft	Weapons Related	Less than 20 kt
926	Danablu	06/09/83	NTS	Shaft	Weapons Related	Less than 20 kt
927	Laban	08/03/83	NTS	Shaft	Weapons Related	Less than 20 kt
928	Sabado	08/11/83	NTS	Shaft	Weapons Related	Less than 20 kt
929	Jarlsberg	08/27/83	NTS	Shaft	Weapons Related	Less than 20 kt
930	Chancellor	09/01/83	NTS	Shaft	Weapons Related	143 kt
931	Tomme/Midnight Zephyr DoD Test	09/21/83	NTS	Tunnel	Weapons Effects	Less than 20 kt
932	Branco	09/21/83	NTS	Shaft	Weapons Related	Less than 20 kt
	Branco-Herkimer Simultaneous, same hole	09/21/83	NTS	Shaft	Weapons Related	Less than 20 kt
933	Techado	09/22/83	NTS	Shaft	Weapons Related	Less than 150 kt
934	Navata	09/29/83	NTS	Shaft	Safety Experiment	Less than 20 kt
Operation Fusileer						
935	Muggins	12/09/83	NTS	Shaft	Weapons Related	Less than 20 kt
936	Romano	12/16/83	NTS	Shaft	Weapons Related	20 to 150 kt
937	Gorbea	01/31/84	NTS	Shaft	Weapons Related	20 to 150 kt
938	Midas Myth/Milagro DoD Test	02/15/84	NTS	Tunnel	Weapons Effects	Less than 20 kt
939	Tortugas	03/01/84	NTS	Shaft	Weapons Related	20 to 150 kt
940	Agrini Accidental release of radioactivity detected on site only	03/31/84	NTS	Shaft	Weapons Related	Less than 20 kt
941	Mundo	05/01/84	NTS	Shaft	Joint US-UK	20 to 150 kt
942	Orkney	05/02/84	NTS	Shaft	Weapons Related	Less than 20 kt
943	Bellow	05/16/84	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Tests -- By Date

Test	Date (GCT)	Location	Type	Purpose	Yield Range
Operation Fusileer -- Continued					
944	Caprock	05/31/84	NTS	Shaft	Weapons Related
945	Duoro	06/20/84	NTS	Shaft	Weapons Related
946	Normanna	07/12/84	NTS	Shaft	Weapons Related
947	Kappeli	07/25/84	NTS	Shaft	Weapons Related
948	Correo	08/02/84	NTS	Shaft	Weapons Related
949	Dolcetto	08/30/84	NTS	Shaft	Weapons Related
950	Wexford	08/30/84	NTS	Shaft	Weapons Related
951	Breton	09/13/84	NTS	Shaft	Weapons Related
Operation Grenadier					
952	Vermejo	10/02/84	NTS	Shaft	Weapons Related
953	Villita	11/10/84	NTS	Shaft	Weapons Related
954	Egmont	12/09/84	NTS	Shaft	Joint US-UK
955	Tierra	12/15/84	NTS	Shaft	Weapons Related
956	Minero	12/20/84	NTS	Shaft	Weapons Related
957	Vaughn	03/15/85	NTS	Shaft	Weapons Related
958	Cottage	03/23/85	NTS	Shaft	Weapons Related
959	Hermosa	04/02/85	NTS	Shaft	Weapons Related
960	Misty Rain DoD Test Controlled release of radioactivity detected off site	04/06/85	NTS	Tunnel	Weapons Effects
961	Towanda	05/02/85	NTS	Shaft	Weapons Related
962	Salut	06/12/85	NTS	Shaft	Weapons Related
963	Ville	06/12/85	NTS	Shaft	Weapons Related
964	Maribo	06/26/85	NTS	Shaft	Weapons Related
965	Serena	07/25/85	NTS	Shaft	Weapons Related
966	Cebrero	08/14/85	NTS	Shaft	Weapons Related
967	Chamita	08/17/85	NTS	Shaft	Weapons Related
968	Ponil	09/27/85	NTS	Shaft	Weapons Related

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Charioteer						
969	Mill Yard DoD Test	10/09/85	NTS	Tunnel	Weapons Effects	Less than 20 kt
970	Diamond Beech DoD Test	10/09/85	NTS	Tunnel	Weapons Effects	Less than 20 kt
971	Roquefort	10/16/85	NTS	Shaft	Weapons Related	20 to 150 kt
972	Abo	10/30/85	NTS	Shaft	Weapons Related	Less than 20 kt
973	Kinibito	12/05/85	NTS	Shaft	Joint US-UK	20 to 150 kt
974	Goldstone	12/28/85	NTS	Shaft	Weapons Related	20 to 150 kt
975	Glencoe Operational release of radioactivity detected off site	03/22/86	NTS	Shaft	Weapons Related	29 kt
976	Mighty Oak DoD Test Controlled release of radioactivity detected off site	04/10/86	NTS	Tunnel	Weapons Effects	Less than 20 kt
977	Mogollon	04/20/86	NTS	Shaft	Weapons Related	Less than 20 kt
978	Jefferson	04/22/86	NTS	Shaft	Weapons Related	20 to 150 kt
979	Panamint	05/21/86	NTS	Shaft	Weapons Related	Less than 20 kt
980	Tajo	06/05/86	NTS	Shaft	Weapons Related	20 to 150 kt
981	Darwin	06/25/86	NTS	Shaft	Joint US-UK	20 to 150 kt
982	Cybar	07/17/86	NTS	Shaft	Weapons Related	119 kt
983	Cornucopia	07/24/86	NTS	Shaft	Weapons Related	Less than 20 kt
984	Galveston	09/04/86	NTS	Shaft	Weapons Related	Less than 20 kt
985	Aleman	09/11/86	NTS	Shaft	Weapons Related	Less than 20 kt
986	Labquark	09/30/86	NTS	Shaft	Weapons Related	20 to 150 kt
Operation Musketeer						
987	Belmont	10/16/86	NTS	Shaft	Weapons Related	20 to 150 kt
988	Gascon	11/14/86	NTS	Shaft	Weapons Related	20 to 150 kt
989	Bodie	12/13/86	NTS	Shaft	Weapons Related	20 to 150 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Musketeer -- Continued						
990	Hazebrook-Emerald (Green)	02/03/87	NTS	Shaft	Weapons Related	Less than 20 kt
	Hazebrook-Checkerberry (Red)	02/03/87	NTS	Shaft	Weapons Related	Less than 20 kt
	Hazebrook-Apricot (Orange) Simultaneous, same hole	02/03/87	NTS	Shaft	Safety Experiment	Less than 20 kt
991	Tornero	02/11/87	NTS	Shaft	Weapons Related	Less than 20 kt
992	Middle Note DoD Test	03/18/87	NTS	Tunnel	Weapons Effects	Less than 20 kt
993	Delamar	04/18/87	NTS	Shaft	Weapons Related	20 to 150 kt
994	Presidio	04/22/87	NTS	Shaft	Weapons Related	Less than 20 kt
995	Hardin	04/30/87	NTS	Shaft	Weapons Related	20 to 150 kt
996	Brie	06/18/87	NTS	Shaft	Weapons Related	Less than 20 kt
997	Mission Ghost DoD Test	06/20/87	NTS	Tunnel	Weapons Effects	Less than 20 kt
998	Panchuela	06/30/87	NTS	Shaft	Weapons Related	Less than 20 kt
999	Midland	07/16/87	NTS	Shaft	Joint US-UK	20 to 150 kt
1000	Tahoka	08/13/87	NTS	Shaft	Weapons Related	20 to 150 kt
1001	Lockney	09/24/87	NTS	Shaft	Weapons Related	20 to 150 kt
Operation Touchstone						
1002	Borate	10/23/87	NTS	Shaft	Weapons Related	20 to 150 kt
1003	Waco	12/01/87	NTS	Shaft	Weapons Related	Less than 20 kt
1004	Mission Cyber DoD Test	12/02/87	NTS	Tunnel	Weapons Effects	Less than 20 kt
1005	Kernville	02/15/88	NTS	Shaft	Weapons Related	20 to 150 kt
1006	Abilene	04/07/88	NTS	Shaft	Weapons Related	Less than 20 kt
1007	Schellbourne	05/13/88	NTS	Shaft	Weapons Related	Less than 150 kt
1008	Laredo	05/21/88	NTS	Shaft	Weapons Related	Less than 150 kt
1009	Comstock	06/02/88	NTS	Shaft	Weapons Related	Less than 150 kt
1010	Rhyolite Simultaneous with Nightingale	06/22/88	NTS	Shaft	Weapons Related	Less than 150 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Touchstone -- Continued						
1011	Nightingale Simultaneous with Rhyolite	06/22/88	NTS	Shaft	Safety Experiment	Less than 150 kt
1012	Alamo	07/07/88	NTS	Shaft	Weapons Related	Less than 150 kt
1013	Kearsarge	08/17/88	NTS	Shaft	Weapons Related	Less than 150 kt
1014	Harlingen-A	08/23/88	NTS	Shaft	Weapons Related	Less than 20 kt
	Harlingen-B Simultaneous, separate holes	08/23/88	NTS	Shaft	Weapons Related	Less than 20 kt
1015	Bullfrog	08/30/88	NTS	Shaft	Weapons Related	Less than 150 kt
Operation Cornerstone						
1016	Dalhart	10/13/88	NTS	Shaft	Weapons Related	Less than 150 kt
1017	Monahans-A	11/09/88	NTS	Shaft	Weapons Related	Less than 20 kt
	Monahans-B Simultaneous, separate holes	11/09/88	NTS	Shaft	Weapons Related	Less than 20 kt
1018	Kawich A-White	12/09/88	NTS	Shaft	Safety Experiment	Less than 20 kt
	Kawich A-Blue Simultaneous, same hole	12/09/88	NTS	Shaft	Safety Experiment	Less than 20 kt
1019	Misty Echo DoD Test	12/10/88	NTS	Tunnel	Weapons Effects	Less than 150 kt
1020	Texarkana	02/10/89	NTS	Shaft	Weapons Related	20 to 150 kt
1021	Kawich-Red	02/24/89	NTS	Shaft	Weapons Related	Less than 20 kt
	Kawich-Black Simultaneous, same hole	02/24/89	NTS	Shaft	Safety Experiment	Less than 20 kt
1022	Ingot	03/09/89	NTS	Shaft	Weapons Related	20 to 150 kt
1023	Palisade-1	05/15/89	NTS	Shaft	Weapons Related	Less than 20 kt
	Palisade-2	05/15/89	NTS	Shaft	Safety Experiment	Less than 20 kt
	Palisade-3 Simultaneous, same hole	05/15/89	NTS	Shaft	Safety Experiment	Less than 20 kt
1024	Tulia	05/26/89	NTS	Shaft	Weapons Related	Less than 20 kt
1025	Contact	06/22/89	NTS	Shaft	Weapons Related	20 to 150 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Cornerstone -- Continued						
1026	Amarillo	06/27/89	NTS	Shaft	Weapons Related	20 to 150 kt
1027	Disko Elm DoD Test	09/14/89	NTS	Tunnel	Weapons Effects	Less than 20 kt
Operation Aqeduct						
1028	Hornitos	10/31/89	NTS	Shaft	Weapons Related	20 to 150 kt
1029	Muleshoe	11/15/89	NTS	Shaft	Weapons Related	Less than 20 kt
1030	Barnwell	12/08/89	NTS	Shaft	Joint US-UK	20 to 150 kt
1031	Whiteface-A	12/20/89	NTS	Shaft	Safety Experiment	Less than 20 kt
	Whiteface-B Simultaneous, same hole	12/20/89	NTS	Shaft	Safety Experiment	Less than 20 kt
1032	Metropolis	03/10/90	NTS	Shaft	Weapons Related	20 to 150 kt
1033	Bowie	04/06/90	NTS	Shaft	Weapons Related	Less than 20 kt
1034	Bullion	06/13/90	NTS	Shaft	Weapons Related	20 to 150 kt
1035	Austin	06/21/90	NTS	Shaft	Weapons Related	Less than 20 kt
1036	Mineral Quarry	07/25/90	NTS	Tunnel	Weapons Effects	Less than 20 kt
	Randsburg Simultaneous, separate drifts DoD Test	07/25/90	NTS	Tunnel	Weapons Related	Less than 20 kt
1037	Sundown-A	09/20/90	NTS	Shaft	Safety Experiment	Less than 20 kt
	Sundown-B Simultaneous, same hole	09/20/90	NTS	Shaft	Safety Experiment	Less than 20 kt
1038	Ledoux	09/27/90	NTS	Shaft	Weapons Related	Less than 20 kt
Operation Sculpin						
1039	Tenabo	10/12/90	NTS	Shaft	Weapons Related	20 to 150 kt
1040	Houston	11/14/90	NTS	Shaft	Joint US-UK	20 to 150 kt
1041	Coso-Bronze	03/08/91	NTS	Shaft	Weapons Related	Less than 20 kt
	Coso-Gray	03/08/91	NTS	Shaft	Weapons Related	Less than 20 kt
	Coso-Silver Simultaneous, same hole	03/08/91	NTS	Shaft	Safety Experiment	Less than 20 kt

United States Nuclear Tests -- By Date

Test		Date (GCT)	Location	Type	Purpose	Yield Range
Operation Sculpin -- Continued						
1042	Bexar	04/04/91	NTS	Shaft	Weapons Related	20 to 150 kt
1043	Montello	04/16/91	NTS	Shaft	Weapons Related	20 to 150 kt
1044	Floydada	08/15/91	NTS	Shaft	Weapons Related	Less than 20 kt
1045	Hoya Treaty verification test	09/14/91	NTS	Shaft	Weapons Related	20 to 150 kt
1046	Distant Zenith DoD Test	09/19/91	NTS	Tunnel	Weapons Effects	Less than 20 kt
Operation Julin						
1047	Lubbock	10/18/91	NTS	Shaft	Weapons Related	20 to 150 kt
1048	Bristol	11/26/91	NTS	Shaft	Joint US-UK	Less than 20 kt
1049	Junction Treaty verification test	03/26/92	NTS	Shaft	Weapons Related	20 to 150 kt
1050	Diamond Fortune DoD Test	04/30/92	NTS	Tunnel	Weapons Effects	Less than 20 kt
1051	Victoria	06/19/92	NTS	Shaft	Weapons Related	Less than 20 kt
1052	Galena-Yellow	06/23/92	NTS	Shaft	Weapons Related	Less than 20 kt
	Galena-Orange	06/23/92	NTS	Shaft	Safety Experiment	Less than 20 kt
	Galena-Green Simultaneous, same hole	06/23/92	NTS	Shaft	Safety Experiment	Less than 20 kt
1053	Hunters Trophy DoD test to ensure reliability of U.S. deterrent forces	09/18/92	NTS	Tunnel	Weapons Effects	Less than 20 kt
1054	Divider Test to ensure the safety of U.S. deterrent forces	09/23/92	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Aardvark	05/12/62	NTS	Shaft	Weapons Related	40 kt
Abeytas	11/05/70	NTS	Shaft	Weapons Related	20 to 200 kt
Abilene	04/07/88	NTS	Shaft	Weapons Related	Less than 20 kt
Able	06/30/46	Bikini	Airdrop	Weapons Effects	21 kt
Able	01/27/51	NTS	Airdrop	Weapons Related	1 kt
Able	10/22/51	NTS	Tower	Weapons Related	Less than 0.1 kt
Able	04/01/52	NTS	Airdrop	Weapons Effects	1 kt
Abo	10/30/85	NTS	Shaft	Weapons Related	Less than 20 kt
Absinthe	05/26/67	NTS	Shaft	Safety Experiment	Less than 20 kt
Ace	06/11/64	NTS	Shaft	Plowshare	Less than 20 kt
Acushi	02/08/63	NTS	Shaft	Weapons Related	Low
Adobe	04/25/62	Christmas Island area	Airdrop	Weapons Related	190 kt
Adze	05/28/68	NTS	Shaft	Weapons Related	Less than 20 kt
Agile	02/23/67	NTS	Shaft	Weapons Related	20 to 200 kt
Agouti	01/18/62	NTS	Shaft	Weapons Related	6.4 kt
Agrini	03/31/84	NTS	Shaft	Weapons Related	Less than 20 kt
Ahtanum	09/13/63	NTS	Shaft	Weapons Related	Low
Ajax	11/11/66	NTS	Shaft	Weapons Related	Less than 20 kt
Ajo	01/30/70	NTS	Shaft	Weapons Related	Less than 20 kt
Akavi	12/03/81	NTS	Shaft	Weapons Related	20 to 150 kt
Akbar	11/09/72	NTS	Shaft	Weapons Related	Less than 20 kt
Alamo	07/07/88	NTS	Shaft	Weapons Related	Less than 150 kt
Aleman	09/11/86	NTS	Shaft	Weapons Related	Less than 20 kt
Algodones	08/18/71	NTS	Shaft	Weapons Related	20 to 200 kt
Aligote	05/29/81	NTS	Shaft	Weapons Related	Less than 20 kt
Aliment	05/15/69	NTS	Shaft	Weapons Related	Less than 20 kt
Allegheny	09/29/62	NTS	Shaft	Weapons Related	Low
Alma	06/08/62	Christmas Island area	Airdrop	Weapons Related	782 kt
Almendo	06/06/73	NTS	Shaft	Weapons Related	200 to 1000 kt
Alpaca	02/12/65	NTS	Shaft	Weapons Related	330 tons

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Alumroot	02/14/73	NTS	Shaft	Weapons Related	Less than 20 kt
Alva	08/19/64	NTS	Shaft	Weapons Related	4.4 kt
Alvise	06/11/75	NTS	Shaft	Safety Experiment	Less than 20 kt
Amarillo	06/27/89	NTS	Shaft	Weapons Related	20 to 150 kt
Anacostia	11/27/62	NTS	Shaft	Plowshare	Low
Anchovy	11/14/63	NTS	Shaft	Weapons Related	Low
Androskoggin	10/02/62	Johnston Island area	Airdrop	Weapons Related	75 kt
Angus	04/25/73	NTS	Shaft	Weapons Related	Less than 20 kt
Annie	03/17/53	NTS	Tower	Weapons Related	16 kt
Antler	09/15/61	NTS	Tunnel	Weapons Related	2.6 kt
Apache	07/08/56	Enewetak	Barge	Weapons Related	1.85 Mt
Apodaca	07/21/71	NTS	Shaft	Weapons Related	Less than 20 kt
Apple-1	03/29/55	NTS	Tower	Weapons Related	14 kt
Apple-2	05/05/55	NTS	Tower	Weapons Related	29 kt
Apshapa	06/06/63	NTS	Shaft	Weapons Related	Low
Arabis-Blue	03/06/70	NTS	Shaft	Safety Experiment	Less than 20 kt
Arabis-Green	03/06/70	NTS	Shaft	Weapons Related	Less than 20 kt
Arabis-Red	03/06/70	NTS	Shaft	Weapons Related	Less than 20 kt
Argus I	08/27/58	South Atlantic	Rocket	Weapons Effects	1-2 kt
Argus II	08/30/58	South Atlantic	Rocket	Weapons Effects	1-2 kt
Argus III	09/06/58	South Atlantic	Rocket	Weapons Effects	1-2 kt
Arikaree	05/10/62	NTS	Shaft	Weapons Related	Low
Arkansas	05/02/62	Christmas Island area	Airdrop	Weapons Related	1.09 Mt
Armada	04/22/83	NTS	Shaft	Joint US-UK	Less than 20 kt
Armadillo	02/09/62	NTS	Shaft	Weapons Related	7.1 kt
Arnica-Violet	06/26/70	NTS	Shaft	Weapons Related	Less than 20 kt
Arnica-Yellow	06/26/70	NTS	Shaft	Weapons Related	Less than 20 kt
Arsenate	11/09/72	NTS	Shaft	Weapons Related	Less than 20 kt
Artesia	12/16/70	NTS	Shaft	Weapons Related	20 to 200 kt
Asco	04/25/78	NTS	Shaft	Safety Experiment	Less than 20 kt
Asiago	12/21/76	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Aspen	06/14/58	Bikini	Barge	Weapons Related	319 kt
Atarque	07/25/72	NTS	Shaft	Weapons Related	Less than 20 kt
Atrisco	08/05/82	NTS	Shaft	Weapons Related	138 kt
Auger	11/15/68	NTS	Shaft	Weapons Related	Less than 20 kt
Auk	10/02/64	NTS	Shaft	Weapons Related	Less than 20 kt
Austin	06/21/90	NTS	Shaft	Weapons Related	Less than 20 kt
Avens-Alkermes	12/16/70	NTS	Shaft	Weapons Related	Less than 20 kt
Avens-Andorre	12/16/70	NTS	Shaft	Weapons Related	Less than 20 kt
Avens-Asamite	12/16/70	NTS	Shaft	Weapons Related	Less than 20 kt
Avens-Cream	12/16/70	NTS	Shaft	Weapons Related	Less than 20 kt
Aztec	04/27/62	Christmas Island area	Airdrop	Weapons Related	410 kt
Azul	12/14/79	NTS	Shaft	Weapons Related	Less than 20 kt
Baccarat	01/24/79	NTS	Shaft	Weapons Related	Less than 20 kt
Backbeach	04/11/78	NTS	Shaft	Weapons Related	20 to 150 kt
Backgammon	11/29/79	NTS	Shaft	Weapons Related	Less than 20 kt
Backswing	05/14/64	NTS	Shaft	Weapons Related	Less than 20 kt
Badger	04/18/53	NTS	Tower	Weapons Related	23 kt
Baker	07/24/46	Bikini	Underwater	Weapons Effects	21 kt
Baker	01/28/51	NTS	Airdrop	Weapons Related	8 kt
Baker	10/28/51	NTS	Airdrop	Weapons Related	3.5 kt
Baker	04/15/52	NTS	Airdrop	Weapons Effects	1 kt
Baker-2	02/02/51	NTS	Airdrop	Weapons Related	8 kt
Baltic	08/06/71	NTS	Shaft	Weapons Related	Less than 20 kt
Bandicoot	10/19/62	NTS	Shaft	Weapons Related	12.5 kt
Baneberry	12/18/70	NTS	Shaft	Weapons Related	10 kt
Banon	08/26/76	NTS	Shaft	Joint US-UK	20 to 150 kt
Barbel	10/16/64	NTS	Shaft	Weapons Related	Less than 20 kt
Barnwell	12/08/89	NTS	Shaft	Joint US-UK	20 to 150 kt
Barracuda	12/04/63	NTS	Shaft	Weapons Related	Low
Barranca	08/04/71	NTS	Shaft	Weapons Related	Less than 20 kt
Barsac	03/20/69	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Baseball	01/15/81	NTS	Shaft	Weapons Related	20 to 150 kt
Bay Leaf	12/12/68	NTS	Shaft	Safety Experiment	Less than 20 kt
Bee	03/22/55	NTS	Tower	Weapons Related	8 kt
Beebalm	05/01/70	NTS	Shaft	Weapons Related	Less than 20 kt
Belen	02/04/70	NTS	Shaft	Weapons Related	20 to 200 kt
Bellow	05/16/84	NTS	Shaft	Weapons Related	Less than 20 kt
Belmont	10/16/86	NTS	Shaft	Weapons Related	20 to 150 kt
Benham	12/19/68	NTS	Shaft	Weapons Related	1.15 Mt
Bernal	11/28/73	NTS	Shaft	Weapons Related	Less than 20 kt
Bernalillo	09/17/58	NTS	Shaft	Safety Experiment	15 tons
Bevel	04/04/68	NTS	Shaft	Weapons Related	Less than 20 kt
Bexar	04/04/91	NTS	Shaft	Weapons Related	20 to 150 kt
Biggin	01/30/69	NTS	Shaft	Weapons Related	Less than 20 kt
Bighorn	06/27/62	Christmas Island area	Airdrop	Weapons Related	7.65 Mt
Bilby	09/13/63	NTS	Shaft	Weapons Related	249 kt
Bilge	02/19/75	NTS	Shaft	Weapons Related	Less than 20 kt
Billet	07/27/76	NTS	Shaft	Weapons Related	20 to 150 kt
Bit-A	10/31/68	NTS	Shaft	Safety Experiment	Less than 20 kt
Bit-B	10/31/68	NTS	Shaft	Safety Experiment	Less than 20 kt
Bitterling	06/12/64	NTS	Shaft	Weapons Related	Less than 20 kt
Black	04/27/62	NTS	Shaft	Weapons Related	Low
Blackfoot	06/11/56	Enewetak	Tower	Weapons Related	8 kt
Blanca	10/30/58	NTS	Tunnel	Weapons Related	22 kt
Blenton	04/30/69	NTS	Shaft	Weapons Related	20 to 200 kt
Bluegill 3 Prime	10/26/62	Johnston Island area	Rocket	Weapons Effects	Submegaton
Bluestone	06/30/62	Christmas Island area	Airdrop	Weapons Related	1.27 Mt
Bobac	08/24/62	NTS	Shaft	Weapons Related	Low
Bobstay	10/26/77	NTS	Shaft	Weapons Related	Less than 20 kt
Bodie	12/13/86	NTS	Shaft	Weapons Related	20 to 150 kt
Bogey	04/17/64	NTS	Shaft	Weapons Related	Less than 20 kt
Boltzmann	05/28/57	NTS	Tower	Weapons Related	12 kt

United States Nuclear Detonations -- By Name					
Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Bonarda	09/25/80	NTS	Shaft	Weapons Related	20 to 150 kt
Bonefish	02/18/64	NTS	Shaft	Weapons Related	Less than 20 kt
Boomer	10/01/61	NTS	Shaft	Weapons Related	Low
Borate	10/23/87	NTS	Shaft	Weapons Related	20 to 150 kt
Bordeaux	08/18/67	NTS	Shaft	Weapons Related	Less than 20 kt
Borrego	09/29/82	NTS	Shaft	Weapons Related	Less than 150 kt
Bourbon	01/20/67	NTS	Shaft	Weapons Related	20 to 200 kt
Bouschet	05/07/82	NTS	Shaft	Weapons Related	20 to 150 kt
Bowie	04/06/90	NTS	Shaft	Weapons Related	Less than 20 kt
Bowl-1	06/26/69	NTS	Shaft	Weapons Related	Less than 20 kt
Bowl-2	06/26/69	NTS	Shaft	Weapons Related	Less than 20 kt
Boxcar	04/26/68	NTS	Shaft	Weapons Related	1.3 Mt
Bracken	07/09/71	NTS	Shaft	Weapons Related	Less than 20 kt
Branco	09/21/83	NTS	Shaft	Weapons Related	Less than 20 kt
Branco-Herkimer	09/21/83	NTS	Shaft	Weapons Related	Less than 20 kt
Bravo	02/28/54	Bikini	Surface	Weapons Related	15 Mt
Brazos	03/08/62	NTS	Shaft	Weapons Related	8.4 kt
Breton	09/13/84	NTS	Shaft	Weapons Related	20 to 150 kt
Brie	06/18/87	NTS	Shaft	Weapons Related	Less than 20 kt
Bristol	11/26/91	NTS	Shaft	Joint US-UK	Less than 20 kt
Bronze	07/23/65	NTS	Shaft	Weapons Related	20 to 200 kt
Brush	01/24/68	NTS	Shaft	Weapons Related	Less than 20 kt
Buff	12/16/65	NTS	Shaft	Weapons Related	20 to 200 kt
Buggy-A	03/12/68	NTS	Crater	Plowshare	1.08 kt
Buggy-B	03/12/68	NTS	Crater	Plowshare	1.08 kt
Buggy-C	03/12/68	NTS	Crater	Plowshare	1.08 kt
Buggy-D	03/12/68	NTS	Crater	Plowshare	1.08 kt
Buggy-E	03/12/68	NTS	Crater	Plowshare	1.08 kt
Bulkhead	04/27/77	NTS	Shaft	Weapons Related	20 to 150 kt
Bullfrog	08/30/88	NTS	Shaft	Weapons Related	Less than 150 kt
Bullion	06/13/90	NTS	Shaft	Weapons Related	20 to 150 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Bumping	10/06/62	Johnston Island area	Airdrop	Weapons Related	11.3 kt
Bunker	02/13/64	NTS	Shaft	Weapons Related	Less than 20 kt
Burzet	08/03/79	NTS	Shaft	Weapons Related	20 to 150 kt
Buteo	05/12/65	NTS	Shaft	Weapons Related	Less than 20 kt
Butternut	05/11/58	Enewetak	Barge	Weapons Related	81 kt
Bye	07/16/64	NTS	Shaft	Weapons Related	20 to 200 kt
Caboc	12/16/81	NTS	Shaft	Weapons Related	Less than 20 kt
Cabra	03/26/83	NTS	Shaft	Weapons Related	20 to 150 kt
Cabresto	05/24/73	NTS	Shaft	Weapons Related	Less than 20 kt
Cabrillo	03/07/75	NTS	Shaft	Weapons Related	20 to 200 kt
Cabriolet	01/26/68	NTS	Crater	Plowshare	2.3 kt
Cactus	05/05/58	Enewetak	Surface	Weapons Related	18 kt
Calabash	10/29/69	NTS	Shaft	Weapons Related	110 kt
Calamity	10/27/62	Johnston Island area	Airdrop	Weapons Related	800 kt
Cambric	05/14/65	NTS	Shaft	Weapons Related	750 tons
Camembert	06/26/75	NTS	Shaft	Weapons Related	200 to 1000 kt
Camphor	06/29/71	NTS	Tunnel	Weapons Effects	Less than 20 kt
Campos	02/13/78	NTS	Shaft	Weapons Related	Less than 20 kt
Can-Green	04/21/70	NTS	Shaft	Weapons Related	Less than 20 kt
Can-Red	04/21/70	NTS	Shaft	Weapons Related	20 to 200 kt
Canfield	05/02/80	NTS	Shaft	Weapons Related	Less than 20 kt
Canjilon	12/16/70	NTS	Shaft	Weapons Related	Less than 20 kt
Canna-Limoges	11/17/72	NTS	Shaft	Safety Experiment	Less than 20 kt
Canna-Umbrinus	11/17/72	NTS	Shaft	Weapons Related	Less than 20 kt
Cannikin	11/06/71	Amchitka, Alaska	Shaft	Weapons Related	Less than 5 Mt
Canvasback	08/22/64	NTS	Shaft	Weapons Related	Less than 20 kt
Capitan	06/28/72	NTS	Shaft	Weapons Related	Less than 20 kt
Caprock	05/31/84	NTS	Shaft	Weapons Related	20 to 150 kt
Carmel	02/21/63	NTS	Shaft	Weapons Related	Low
Carnelian	07/28/77	NTS	Shaft	Weapons Related	Less than 20 kt
Carp	09/27/63	NTS	Shaft	Weapons Related	Low

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Carpetbag	12/17/70	NTS	Shaft	Weapons Related	220 kt
Carrizozo	12/03/70	NTS	Shaft	Weapons Related	Less than 20 kt
Cashmere	02/04/65	NTS	Shaft	Weapons Related	Less than 20 kt
Casselman	02/08/63	NTS	Shaft	Weapons Related	Low
Cassowary	12/16/64	NTS	Shaft	Weapons Related	Less than 20 kt
Cathay	10/08/71	NTS	Shaft	Weapons Related	Less than 20 kt
Catron	10/24/58	NTS	Tower	Safety Experiment	21 tons
Cebolla	08/09/72	NTS	Shaft	Weapons Related	Less than 20 kt
Cebrero	08/14/85	NTS	Shaft	Weapons Related	Less than 20 kt
Cedar	07/02/58	Bikini	Barge	Weapons Related	220 kt
Centaur	08/27/65	NTS	Shaft	Weapons Related	Less than 20 kt
Ceres	10/26/58	NTS	Tower	Safety Experiment	0.7 tons
Cerise	11/18/66	NTS	Shaft	Weapons Related	Less than 20 kt
Cernada	09/24/81	NTS	Shaft	Weapons Related	Less than 20 kt
Cerro	09/02/82	NTS	Shaft	Weapons Related	Less than 20 kt
Chaenactis	12/14/71	NTS	Shaft	Weapons Related	20 to 200 kt
Chama	10/18/62	Johnston Island area	Airdrop	Weapons Related	1.59 Mt
Chamita	08/17/85	NTS	Shaft	Weapons Related	Less than 20 kt
Chancellor	09/01/83	NTS	Shaft	Weapons Related	143 kt
Chantilly	09/29/71	NTS	Shaft	Weapons Related	Less than 20 kt
Charcoal	09/10/65	NTS	Shaft	Joint US-UK	20 to 200 kt
Charleston	09/28/57	NTS	Balloon	Weapons Related	12 kt
Charlie	10/30/51	NTS	Airdrop	Weapons Related	14 kt
Charlie	04/22/52	NTS	Airdrop	Weapons Related	31 kt
Chartreuse	05/06/66	NTS	Shaft	Weapons Related	73 kt
Chateaugay	06/28/68	NTS	Shaft	Weapons Related	20 to 200 kt
Chatty	03/18/69	NTS	Shaft	Weapons Related	Less than 20 kt
Chavez	10/27/58	NTS	Tower	Safety Experiment	0.6 tons
Checkmate	10/20/62	Johnston Island area	Rocket	Weapons Effects	Low
Cheedam	02/17/83	NTS	Shaft	Weapons Related	Less than 20 kt
Chena	10/10/61	NTS	Tunnel	Weapons Related	Low

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Chenille	04/22/65	NTS	Shaft	Weapons Related	Less than 20 kt
Cherokee	05/20/56	Bikini	Airdrop	Weapons Related	3.8 Mt
Cheshire	02/14/76	NTS	Shaft	Weapons Related	200 to 500 kt
Chess	06/20/79	NTS	Shaft	Weapons Related	Less than 20 kt
Chetco	05/19/62	Christmas Island area	Airdrop	Weapons Related	73 kt
Chevre	11/23/76	NTS	Shaft	Weapons Related	Less than 20 kt
Chiberta	12/20/75	NTS	Shaft	Weapons Related	20 to 200 kt
Chinchilla	02/19/62	NTS	Shaft	Weapons Related	1.9 kt
Chinchilla II	03/31/62	NTS	Shaft	Weapons Related	Low
Chipmunk	02/15/63	NTS	Shaft	Safety Experiment	Low
Chocolate	04/21/67	NTS	Shaft	Weapons Related	Less than 20 kt
Cimarron	02/23/62	NTS	Shaft	Weapons Related	11.9 kt
Cinnamon	3/07/66	NTS	Shaft	Safety Experiment	Less than 20 kt
Clairette	02/05/81	NTS	Shaft	Weapons Related	Less than 20 kt
Clarksmobile	05/17/68	NTS	Shaft	Weapons Related	20 to 200 kt
Clean Slate I	05/25/63	NAFR	Surface	Storage-Transportation	Zero
Clean Slate II	05/31/63	NAFR	Surface	Storage-Transportation	Zero
Clean Slate III	06/09/63	NAFR	Surface	Storage-Transportation	Zero
Clearwater	10/16/63	NTS	Shaft	Weapons Related	Intermediate
Climax	06/04/53	NTS	Airdrop	Weapons Related	61 kt
Club	01/30/64	NTS	Shaft	Weapons Related	Less than 20 kt
Clymer	03/12/66	NTS	Shaft	Weapons Related	Less than 20 kt
Coalora	02/11/83	NTS	Shaft	Weapons Related	Less than 20 kt
Cobbler	11/08/67	NTS	Shaft	Weapons Related	Less than 20 kt
Codsaw	02/19/62	NTS	Shaft	Weapons Related	Low
Coffer	03/21/69	NTS	Shaft	Weapons Related	Less than 100 kt
Cognac	10/25/67	NTS	Shaft	Weapons Related	Less than 20 kt
Colby	03/14/76	NTS	Shaft	Weapons Related	500 to 1000 kt
Colfax	10/05/58	NTS	Shaft	Safety Experiment	5.5 tons
Colmor	04/26/73	NTS	Shaft	Weapons Related	Less than 20 kt
Colwick	04/26/80	NTS	Shaft	Joint US-UK	20 to 150 kt

United States Nuclear Detonations -- By Name					
Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Commodore	05/20/67	NTS	Shaft	Weapons Related	250 kt
Comstock	06/02/88	NTS	Shaft	Weapons Related	Less than 150 kt
Concentration	12/01/78	NTS	Shaft	Weapons Related	Less than 20 kt
Contact	06/22/89	NTS	Shaft	Weapons Related	20 to 150 kt
Corazon	12/03/70	NTS	Shaft	Weapons Related	Less than 20 kt
Corduroy	12/03/65	NTS	Shaft	Weapons Related	20 to 200 kt
Cormorant	07/17/64	NTS	Shaft	Joint US-UK	Less than 20 kt
Cornice-Green	05/15/70	NTS	Shaft	Weapons Related	20 to 200 kt
Cornice-Yellow	05/15/70	NTS	Shaft	Weapons Related	20 to 200 kt
Cornucopia	07/24/86	NTS	Shaft	Weapons Related	Less than 20 kt
Correo	08/02/84	NTS	Shaft	Weapons Related	Less than 20 kt
Coso-Bronze	03/08/91	NTS	Shaft	Weapons Related	Less than 20 kt
Coso-Gray	03/08/91	NTS	Shaft	Weapons Related	Less than 20 kt
Coso-Silver	03/08/91	NTS	Shaft	Safety Experiment	Less than 20 kt
Cottage	03/23/85	NTS	Shaft	Weapons Related	20 to 150 kt
Coulomb-A	07/01/57	NTS	Surface	Safety Experiment	Zero
Coulomb-B	09/06/57	NTS	Surface	Safety Experiment	300 tons
Coulomb-C	12/09/57	NTS	Surface	Safety Experiment	500 tons
Coulommiers	09/27/77	NTS	Shaft	Weapons Related	20 to 150 kt
Courser	09/25/64	NTS	Shaft	Joint US-UK	Zero
Cove	02/16/77	NTS	Shaft	Weapons Related	Less than 20 kt
Cowles	02/03/72	NTS	Shaft	Weapons Related	Less than 20 kt
Coypu	04/10/63	NTS	Shaft	Safety Experiment	Low
Cremino	09/27/78	NTS	Shaft	Weapons Related	Less than 20 kt
Cremino-Caerphilly	09/27/78	NTS	Shaft	Weapons Related	Less than 20 kt
Crepe	12/05/64	NTS	Shaft	Weapons Related	20 to 200 kt
Crestlake-Briar	07/18/74	NTS	Shaft	Weapons Related	Less than 20 kt
Crestlake-Tansan	07/18/74	NTS	Shaft	Weapons Related	Less than 20 kt
Crew	11/04/68	NTS	Shaft	Weapons Related	20 to 200 kt
Crew-2nd	11/04/68	NTS	Shaft	Weapons Related	Less than 20 kt
Crew-3rd	11/04/68	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Crewline	05/25/77	NTS	Shaft	Weapons Related	20 to 150 kt
Crock	05/08/68	NTS	Shaft	Weapons Related	Less than 20 kt
Crowdie	05/05/83	NTS	Shaft	Weapons Related	Less than 20 kt
Cruet	10/29/69	NTS	Shaft	Weapons Related	11 kt
Cuchillo	08/09/72	NTS	Shaft	Weapons Related	Less than 20 kt
Culantro-A	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
Culantro-B	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
Cumarin	02/25/70	NTS	Shaft	Weapons Related	20 to 200 kt
Cumberland	04/11/63	NTS	Shaft	Weapons Related	Low
Cup	03/26/65	NTS	Shaft	Weapons Related	20 to 200 kt
Cyathus	03/06/70	NTS	Shaft	Weapons Related	8.7 kt
Cybar	07/17/86	NTS	Shaft	Weapons Related	119 kt
Cyclamen	05/05/66	NTS	Shaft	Weapons Related	12 kt
Cypress	02/12/69	NTS	Tunnel	Weapons Effects	Less than 20 kt
Dalhart	10/13/88	NTS	Shaft	Weapons Related	Less than 150 kt
Daiquiri	09/23/66	NTS	Shaft	Weapons Related	Less than 20 kt
Dakota	06/25/56	Bikini	Barge	Weapons Related	1.1 Mt
Daman I	06/21/62	NTS	Shaft	Weapons Related	Low
Danablu	06/09/83	NTS	Shaft	Weapons Related	Less than 20 kt
Danny Boy	03/05/62	NTS	Crater	Weapons Effects	430 tons
Darwin	06/25/86	NTS	Shaft	Joint US-UK	20 to 150 kt
Dauphin	11/14/80	NTS	Shaft	Weapons Related	Less than 20 kt
De Baca	10/26/58	NTS	Balloon	Weapons Related	2.2 kt
Dead	04/21/62	NTS	Shaft	Weapons Related	Low
Deck	11/18/75	NTS	Shaft	Weapons Related	Less than 20 kt
Delamar	04/18/87	NTS	Shaft	Weapons Related	20 to 150 kt
Delphinium	09/26/72	NTS	Shaft	Weapons Related	15 kt
Derringer	09/12/66	NTS	Shaft	Weapons Effects	7.8 kt
Des Moines	06/13/62	NTS	Tunnel	Weapons Related	2.9 kt
Dexter	06/23/71	NTS	Shaft	Safety Experiment	Less than 20 kt
Diablo	07/15/57	NTS	Tower	Weapons Related	17 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Diablo Hawk	09/13/78	NTS	Tunnel	Weapons Effects	Less than 20 kt
Diagonal Line	1/24/71	NTS	Shaft	Weapons Effects	Less than 20 kt
Diamond Ace	09/23/82	NTS	Tunnel	Weapons Effects	Less than 20 kt
Diamond Beech	10/09/85	NTS	Tunnel	Weapons Effects	Less than 20 kt
Diamond Dust	05/12/70	NTS	Tunnel	Vela Uniform	Less than 20 kt
Diamond Fortune	04/30/92	NTS	Tunnel	Weapons Effects	Less than 20 kt
Diamond Mine	07/01/71	NTS	Tunnel	Vela Uniform	Less than 20 kt
Diamond Sculls	07/20/72	NTS	Tunnel	Weapons Effects	Less than 20 kt
Diana Mist	02/11/70	NTS	Tunnel	Weapons Effects	Less than 20 kt
Diana Moon	08/27/68	NTS	Shaft	Weapons Effects	Less than 20 kt
Dianthus	02/17/72	NTS	Shaft	Weapons Related	Less than 20 kt
Dido Queen	06/05/73	NTS	Tunnel	Weapons Effects	Less than 20 kt
Diesel Train	12/05/69	NTS	Tunnel	Weapons Effects	Less than 20 kt
Diluted Waters	06/16/65	NTS	Shaft	Weapons Effects	Less than 20 kt
Dining Car	04/05/75	NTS	Tunnel	Weapons Effects	Less than 20 kt
Discus Thrower	05/27/66	NTS	Shaft	Weapons Effects	22 kt
Disko Elm	09/14/89	NTS	Tunnel	Weapons Effects	Less than 20 kt
Distant Zenith	09/19/91	NTS	Tunnel	Weapons Effects	Less than 20 kt
Divider	09/23/92	NTS	Shaft	Weapons Related	Less than 20 kt
Dixie	04/06/53	NTS	Airdrop	Weapons Related	11 kt
Dofino	03/08/77	NTS	Shaft	Weapons Related	Less than 20 kt
Dofino-Lawton	03/08/77	NTS	Shaft	Weapons Related	Less than 20 kt
Dog	04/07/51	Enewetak	Tower	Weapons Related	81 kt
Dog	11/01/51	NTS	Airdrop	Weapons Related	21 kt
Dog	05/01/52	NTS	Airdrop	Weapons Related	19 kt
Dogwood	07/05/58	Enewetak	Barge	Weapons Related	397 kt
Dolcetto	08/30/84	NTS	Shaft	Weapons Related	Less than 20 kt
Dona Ana	10/16/58	NTS	Balloon	Weapons Related	37 tons
Door Mist	08/31/67	NTS	Tunnel	Weapons Effects	Less than 20 kt
Doppler	08/23/57	NTS	Balloon	Weapons Related	11 kt
Dormouse	01/30/62	NTS	Shaft	Weapons Related	Low

United States Nuclear Detonations -- By Name					
Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Dormouse Prime	04/05/62	NTS	Shaft	Weapons Related	10.6 kt
Dorsal Fin	02/29/68	NTS	Tunnel	Weapons Effects	Less than 20 kt
Double Play	06/15/66	NTS	Tunnel	Weapons Effects	Less than 20 kt
Double Tracks	05/15/63	NAFR	Surface	Storage-Transportation	Zero
Dovekie	01/21/66	NTS	Shaft	Weapons Related	Less than 20 kt
Draughts	09/27/78	NTS	Shaft	Weapons Related	20 to 150 kt
Drill (Source-Lower)	12/05/64	NTS	Shaft	Weapons Related	3.4 kt
Drill (Target-Upper)	12/05/64	NTS	Shaft	Weapons Related	Less than 20 kt
Driver	05/07/64	NTS	Shaft	Weapons Related	Less than 20 kt
Dub	06/30/64	NTS	Shaft	Plowshare	Less than 20 kt
Duffer	06/18/64	NTS	Shaft	Weapons Related	Less than 20 kt
Dulce	06/17/62	Christmas Island area	Airdrop	Weapons Related	52 kt
Dumont	05/19/66	NTS	Shaft	Weapons Related	20 to 200 kt
Duoro	06/20/84	NTS	Shaft	Weapons Related	20 to 150 kt
Duryea	04/14/66	NTS	Shaft	Weapons Related	70 kt
Dutchess	10/24/80	NTS	Shaft	Joint US-UK	Less than 20 kt
Eagle	12/12/63	NTS	Shaft	Weapons Related	5.3 kt
Easy	02/01/51	NTS	Airdrop	Weapons Related	1 kt
Easy	04/20/51	Enewetak	Tower	Weapons Related	47 kt
Easy	11/05/51	NTS	Airdrop	Weapons Related	31 kt
Easy	05/07/52	NTS	Tower	Weapons Related	12 kt
Ebbtide	09/15/77	NTS	Shaft	Weapons Related	Less than 20 kt
Edam	04/24/75	NTS	Shaft	Weapons Related	20 to 200 kt
Eddy	09/19/58	NTS	Balloon	Weapons Related	83 tons
Eel	05/19/62	NTS	Shaft	Weapons Related	4.5 kt
Effendi	04/27/67	NTS	Shaft	Weapons Related	Less than 20 kt
Egmont	12/09/84	NTS	Shaft	Joint US-UK	20 to 150 kt
Elder	06/27/58	Enewetak	Barge	Weapons Related	880 kt
Elida	12/19/73	NTS	Shaft	Weapons Related	Less than 20 kt
Elkhart	09/17/65	NTS	Shaft	Weapons Related	Less than 20 kt
Embudo	06/16/71	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Emerson	12/16/65	NTS	Shaft	Weapons Related	Less than 20 kt
Emmenthal	11/02/78	NTS	Shaft	Weapons Related	Less than 20 kt
Encino	05/12/62	Christmas Island area	Airdrop	Weapons Related	500 kt
Encore	05/08/53	NTS	Airdrop	Weapons Effects	27 kt
Erie	05/30/56	Enewetak	Tower	Weapons Related	14.9 kt
Ermine	03/06/62	NTS	Shaft	Safety Experiment	Low
Escabosa	07/10/74	NTS	Shaft	Weapons Related	20 to 200 kt
Esrom	02/04/76	NTS	Shaft	Weapons Related	20 to 200 kt
Ess	03/23/55	NTS	Crater	Weapons Effects	1 kt
Estaca	10/17/74	NTS	Shaft	Weapons Related	Less than 20 kt
Estuary	03/09/76	NTS	Shaft	Weapons Related	200 to 500 kt
Evans	10/29/58	NTS	Tunnel	Weapons Related	55 tons
Fade	06/25/64	NTS	Shaft	Weapons Related	Less than 20 kt
Fahada	05/26/83	NTS	Shaft	Weapons Related	Less than 20 kt
Faj	06/28/79	NTS	Shaft	Weapons Related	20 to 150 kt
Fallon	05/23/74	NTS	Shaft	Joint US-UK	20 to 200 kt
Farallones	12/14/77	NTS	Shaft	Weapons Related	20 to 150 kt
Farm	12/16/78	NTS	Shaft	Weapons Related	20 to 150 kt
Faultless	01/19/68	Central Nevada	Shaft	Weapons Related	200 to 1000 kt
Fawn	04/07/67	NTS	Shaft	Weapons Related	Less than 20 kt
Feather	12/22/61	NTS	Tunnel	Weapons Related	150 tons
Fenton	04/23/66	NTS	Shaft	Weapons Related	1.4 kt
Ferret	02/08/63	NTS	Shaft	Weapons Related	Low
Ferret Prime	04/05/63	NTS	Shaft	Weapons Related	Low
Fig	08/18/58	Enewetak	Surface	Weapons Related	20 tons
File	10/31/68	NTS	Shaft	Weapons Related	Less than 20 kt
Finfoot	03/07/66	NTS	Shaft	Weapons Related	Less than 20 kt
Fir	05/11/58	Bikini	Barge	Weapons Related	1.36 Mt
Fisher	12/03/61	NTS	Shaft	Weapons Related	13.4 kt
Fizeau	09/14/57	NTS	Tower	Weapons Related	11 kt
Fizz	03/10/67	NTS	Shaft	Safety Experiment	Less than 20 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Flask-Green	05/26/70	NTS	Shaft	Plowshare	105 kt
Flask-Red	05/26/70	NTS	Shaft	Plowshare	Less than 20 kt
Flask-Yellow	05/26/70	NTS	Shaft	Plowshare	Less than 20 kt
Flathead	06/11/56	Bikini	Barge	Weapons Related	365 kt
Flax-Backup	12/21/72	NTS	Shaft	Weapons Effects	Less than 20 kt
Flax-Source	12/21/72	NTS	Shaft	Weapons Related	Less than 20 kt
Flax-Test	12/21/72	NTS	Shaft	Weapons Effects	20 to 200 kt
Flora	05/22/80	NTS	Shaft	Weapons Related	Less than 20 kt
Flotost	08/16/77	NTS	Shaft	Weapons Related	Less than 20 kt
Floydada	08/15/91	NTS	Shaft	Weapons Related	Less than 20 kt
Fob-Blue	01/23/70	NTS	Shaft	Weapons Related	Less than 20 kt
Fob-Green	01/23/70	NTS	Shaft	Weapons Related	Less than 20 kt
Fob-Red	01/23/70	NTS	Shaft	Weapons Related	Less than 20 kt
Fondutta	04/11/78	NTS	Shaft	Joint US-UK	20 to 150 kt
Fontina	02/12/76	NTS	Shaft	Weapons Related	200 to 1000 kt
Fore	01/16/64	NTS	Shaft	Weapons Related	20 to 200 kt
Forefoot	06/02/77	NTS	Shaft	Weapons Related	Less than 20 kt
Forest	10/31/64	NTS	Shaft	Weapons Related	Less than 20 kt
Fox	02/06/51	NTS	Airdrop	Weapons Related	22 kt
Fox	05/25/52	NTS	Tower	Weapons Related	11 kt
Franklin	06/02/57	NTS	Tower	Weapons Related	140 tons
Franklin Prime	08/30/57	NTS	Balloon	Weapons Related	4.7 kt
Freezeout	05/11/79	NTS	Shaft	Weapons Related	Less than 20 kt
Frigate Bird	05/06/62	Pacific	Rocket	Weapons Related	
Frijoles-Deming	09/22/71	NTS	Shaft	Safety Experiment	Less than 20 kt
Frijoles-Espuela	09/22/71	NTS	Shaft	Safety Experiment	Less than 20 kt
Frijoles-Guaje	09/22/71	NTS	Shaft	Weapons Related	Less than 20 kt
Frijoles-Petaca	09/22/71	NTS	Shaft	Weapons Related	Less than 20 kt
Frisco	09/23/82	NTS	Shaft	Weapons Related	20 to 150 kt
Funnel	06/25/68	NTS	Shaft	Weapons Related	Less than 20 kt
Futtock	06/18/75	NTS	Shaft	Safety Experiment	Less than 20 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Galena-Green	06/23/92	NTS	Shaft	Safety Experiment	Less than 20 kt
Galena-Orange	06/23/92	NTS	Shaft	Safety Experiment	Less than 20 kt
Galena-Yellow	06/23/92	NTS	Shaft	Weapons Related	Less than 20 kt
Galileo	09/02/57	NTS	Tower	Weapons Related	11 kt
Galveston	09/04/86	NTS	Shaft	Weapons Related	Less than 20 kt
Ganymede	10/30/58	NTS	Surface	Safety Experiment	Zero
Garden	10/23/64	NTS	Shaft	Weapons Related	Less than 20 kt
Gasbuggy	12/10/67	Farmington, New Mexico	Shaft	Plowshare	29 kt
Gascon	11/14/86	NTS	Shaft	Weapons Related	20 to 150 kt
Gazook	03/23/73	NTS	Shaft	Weapons Related	Less than 20 kt
George	05/08/51	Enewetak	Tower	Weapons Related	225 kt
George	06/01/52	NTS	Tower	Weapons Related	15 kt
Gerbil	03/29/63	NTS	Shaft	Weapons Related	Low
Gibne	04/25/82	NTS	Shaft	Joint US-UK	20 to 150 kt
Gibson	08/04/67	NTS	Shaft	Weapons Related	Less than 20 kt
Gilroy	09/15/67	NTS	Shaft	Weapons Related	Less than 20 kt
Glencoe	03/22/86	NTS	Shaft	Weapons Related	29 kt
Gnome	12/10/61	Carlsbad, New Mexico	Shaft	Plowshare	3 kt
Goldstone	12/28/85	NTS	Shaft	Weapons Related	20 to 150 kt
Gorbea	01/31/84	NTS	Shaft	Weapons Related	20 to 150 kt
Gouda	10/06/76	NTS	Shaft	Weapons Related	Less than 20 kt
Gourd-Amber	04/24/69	NTS	Shaft	Weapons Related	Less than 20 kt
Gourd-Brown	04/24/69	NTS	Shaft	Weapons Related	Less than 20 kt
Grable	05/25/53	NTS	Airburst	Weapons Related	15 kt
Grape A	12/17/69	NTS	Shaft	Weapons Related	20 to 200 kt
Grape B	02/04/70	NTS	Shaft	Weapons Related	20 to 200 kt
Greeley	12/20/66	NTS	Shaft	Weapons Related	870 kt
Greys	11/22/63	NTS	Shaft	Weapons Related	Intermediate
Grove	05/22/74	NTS	Shaft	Weapons Related	Less than 20 kt
Grunion	10/11/63	NTS	Shaft	Weapons Related	Low
Gruyere	08/16/77	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Gruyere-Gradino	08/16/77	NTS	Shaft	Weapons Related	Less than 20 kt
Guanay	09/04/64	NTS	Shaft	Weapons Related	Less than 20 kt
Gum Drop	04/21/65	NTS	Tunnel	Weapons Effects	Less than 20 kt
Gundi	11/15/62	NTS	Shaft	Weapons Related	Low
Gundi Prime	05/09/63	NTS	Shaft	Weapons Related	Low
HA (High Altitude)	04/06/55	NTS	Airdrop	Weapons Effects	3 kt
Haddock	08/28/64	NTS	Shaft	Weapons Related	Less than 20 kt
Halfbeak	06/30/66	NTS	Shaft	Weapons Related	365 kt
Hamilton	10/15/58	NTS	Tower	Weapons Related	1.2 tons
Handcar	11/05/64	NTS	Shaft	Plowshare	12 kt
Handicap	03/12/64	NTS	Shaft	Weapons Related	Less than 20 kt
Handley	03/26/70	NTS	Shaft	Weapons Related	More than 1 Mt
Haplopappus	06/28/72	NTS	Shaft	Weapons Related	Less than 20 kt
Hard Hat	02/15/62	NTS	Shaft	Weapons Effects	5.7 kt
Hardin	04/30/87	NTS	Shaft	Weapons Related	20 to 150 kt
Harebell	06/24/71	NTS	Shaft	Weapons Related	20 to 200 kt
Harkee	05/17/63	NTS	Shaft	Weapons Related	Low
Harlem	06/12/62	Christmas Island area	Airdrop	Weapons Related	1.2 Mt
Harlingen-A	08/23/88	NTS	Shaft	Weapons Related	Less than 20 kt
Harlingen-B	08/23/88	NTS	Shaft	Weapons Related	Less than 20 kt
Harry	05/19/53	NTS	Tower	Weapons Related	32 kt
Harzer	06/06/81	NTS	Shaft	Weapons Related	20 to 150 kt
Hatchet	05/03/68	NTS	Shaft	Weapons Related	Less than 20 kt
Hatchie	02/08/63	NTS	Shaft	Weapons Related	Low
Havarti	08/05/81	NTS	Shaft	Weapons Related	Less than 20 kt
Haymaker	06/27/62	NTS	Shaft	Weapons Related	67 kt
Hazebrook-Apricot (Orange)	02/03/87	NTS	Shaft	Safety Experiment	Less than 20 kt
Hazebrook-Checkerberry (Red)	02/03/87	NTS	Shaft	Weapons Related	Less than 20 kt
Hazebrook-Emerald (Green)	02/03/87	NTS	Shaft	Weapons Related	Less than 20 kt
Hearts	09/06/79	NTS	Shaft	Weapons Related	140 kt
Heilman	04/06/67	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Hermosa	04/02/85	NTS	Shaft	Weapons Related	20 to 150 kt
Hickory	06/29/58	Bikini	Barge	Weapons Related	14 kt
Hidalgo	10/05/58	NTS	Balloon	Safety Experiment	77 tons
Hod-A (Green)	05/01/70	NTS	Shaft	Weapons Related	Less than 20 kt
Hod-B (Red)	05/01/70	NTS	Shaft	Weapons Related	Less than 20 kt
Hod-C (Blue)	05/01/70	NTS	Shaft	Safety Experiment	Less than 20 kt
Hognose	03/15/62	NTS	Shaft	Weapons Related	Low
Holly	05/20/58	Enewetak	Barge	Weapons Related	5.9 kt
Hood	07/05/57	NTS	Balloon	Weapons Related	74 kt
Hook	04/14/64	NTS	Shaft	Weapons Related	Less than 20 kt
Hoopoe	12/16/64	NTS	Shaft	Safety Experiment	Less than 20 kt
Hoosic	03/28/62	NTS	Shaft	Weapons Related	3.4 kt
Horehound	08/27/69	NTS	Shaft	Weapons Related	Less than 20 kt
Hornet	03/12/55	NTS	Tower	Weapons Related	4 kt
Hornitos	10/31/89	NTS	Shaft	Weapons Related	20 to 150 kt
Hospah	12/14/71	NTS	Shaft	Weapons Related	Less than 20 kt
Hosta	02/12/82	NTS	Shaft	Weapons Related	20 to 150 kt
Housatonic	10/30/62	Johnston Island area	Airdrop	Weapons Related	8.3 Mt
Houston	11/14/90	NTS	Shaft	Joint US-UK	20 to 150 kt
How	06/05/52	NTS	Tower	Weapons Related	14 kt
Hoya	09/14/91	NTS	Shaft	Weapons Related	20 to 150 Kt
Hudson	04/12/62	NTS	Shaft	Weapons Related	Low
Hudson Moon	05/26/70	NTS	Tunnel	Weapons Effects	Less than 20 kt
Hudson Seal	09/24/68	NTS	Tunnel	Weapons Effects	Less than 20 kt
Hula	10/29/68	NTS	Shaft	Weapons Related	Less than 20 kt
Hulsea	03/14/74	NTS	Shaft	Weapons Related	Less than 20 kt
Humboldt	10/29/58	NTS	Tower	Weapons Related	7.8 tons
Hunters Trophy	09/18/92	NTS	Tunnel	Weapons Effects	Less than 20 kt
Hupmobile	01/18/68	NTS	Shaft	Weapons Effects	7.4 kt
Huron	07/21/56	Enewetak	Barge	Weapons Related	250 kt
Huron King	06/24/80	NTS	Shaft	Weapons Effects	Less than 20 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Huron Landing	09/23/82	NTS	Tunnel	Weapons Effects	Less than 20 kt
Husky Ace	10/12/73	NTS	Tunnel	Weapons Effects	Less than 20 kt
Husky Pup	10/24/75	NTS	Tunnel	Weapons Effects	Less than 20 kt
Hutch	07/16/69	NTS	Shaft	Weapons Related	20 to 200 kt
Hutia	06/06/63	NTS	Shaft	Weapons Related	Low
Hybla Fair	10/28/74	NTS	Tunnel	Weapons Effects	Less than 20 kt
Hybla Gold	11/01/77	NTS	Tunnel	Weapons Effects	Less than 20 kt
Hyrax	09/14/62	NTS	Shaft	Weapons Related	Low
Iceberg	03/23/78	NTS	Shaft	Weapons Related	20 to 150 kt
Ildrim	07/16/69	NTS	Shaft	Weapons Related	20 to 200 kt
Imp	08/09/68	NTS	Shaft	Weapons Related	Less than 20 kt
Inca	06/21/56	Enewetak	Tower	Weapons Related	15.2 kt
Ingot	03/09/89	NTS	Shaft	Weapons Related	20 to 150 kt
Inlet	11/20/75	NTS	Shaft	Weapons Related	200 to 1000 kt
Ipecac-A	05/27/69	NTS	Shaft	Safety Experiment	Less than 20 kt
Ipecac-B	05/27/69	NTS	Shaft	Safety Experiment	Less than 20 kt
Islay	08/27/81	NTS	Shaft	Weapons Related	Less than 20 kt
Item	05/24/51	Enewetak	Tower	Weapons Related	45.5 kt
Izzar	07/16/65	NTS	Shaft	Weapons Related	Less than 20 kt
Jackpots	06/01/78	NTS	Shaft	Weapons Related	Less than 20 kt
Jai	03/19/70	NTS	Shaft	Weapons Related	Less than 20 kt
Jara	06/06/74	NTS	Shaft	Weapons Related	Less than 20 kt
Jarlsberg	08/27/83	NTS	Shaft	Weapons Related	Less than 20 kt
Jefferson	04/22/86	NTS	Shaft	Weapons Related	20 to 150 kt
Jerboa	03/01/63	NTS	Shaft	Weapons Related	Low
Jib	05/08/74	NTS	Shaft	Weapons Related	Less than 20 kt
Jicarilla	04/19/72	NTS	Shaft	Weapons Related	Less than 20 kt
John	07/19/57	NTS	Rocket	Weapons Effects	About 2 kt
Johnnie Boy	07/11/62	NTS	Crater	Weapons Effects	500 tons
Jornada	01/28/82	NTS	Shaft	Weapons Related	139 kt
Jorum	09/16/69	NTS	Shaft	Weapons Related	Less than 1 Mt

United States Nuclear Detonations -- By Name					
Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Junction	03/26/92	NTS	Shaft	Weapons Related	20 to 150 kt
Juniper	07/22/58	Bikini	Barge	Weapons Related	65 kt
Juno	10/24/58	NTS	Surface	Safety Experiment	1.7 tons
Kankakee	06/15/66	NTS	Shaft	Weapons Related	20 to 200 kt
Kappeli	07/25/84	NTS	Shaft	Weapons Related	20 to 150 kt
Kara	05/11/72	NTS	Shaft	Weapons Related	Less than 20 kt
Karab	03/16/78	NTS	Shaft	Weapons Related	Less than 20 kt
Kash	06/12/80	NTS	Shaft	Weapons Related	20 to 150 kt
Kashan	05/24/73	NTS	Shaft	Weapons Related	Less than 20 kt
Kasserl	10/28/75	NTS	Shaft	Weapons Related	200 to 1000 kt
Kaweah	02/21/63	NTS	Shaft	Plowshare	Low
Kawich A-Blue	12/09/88	NTS	Shaft	Safety Experiment	Less than 20 kt
Kawich A-White	12/09/88	NTS	Shaft	Safety Experiment	Less than 20 kt
Kawich-Black	02/24/89	NTS	Shaft	Safety Experiment	Less than 20 kt
Kawich-Red	02/24/89	NTS	Shaft	Weapons Related	Less than 20 kt
Kearsarge	08/17/88	NTS	Shaft	Weapons Related	Less than 150 kt
Keel	12/16/74	NTS	Shaft	Weapons Related	Less than 20 kt
Keelson	02/04/76	NTS	Shaft	Weapons Related	20 to 200 kt
Kennebec	06/25/63	NTS	Shaft	Weapons Related	Low
Kepler	07/24/57	NTS	Tower	Weapons Related	10 kt
Kermet	11/23/65	NTS	Shaft	Weapons Related	Less than 20 kt
Kernville	02/15/88	NTS	Shaft	Weapons Related	20 to 150 kt
Kesti	06/16/82	NTS	Shaft	Weapons Related	Less than 20 kt
Kestrel	04/05/65	NTS	Shaft	Weapons Related	Less than 20 kt
Khaki	10/15/66	NTS	Shaft	Weapons Related	Less than 20 kt
Kickapoo	06/13/56	Enewetak	Tower	Weapons Related	1.49 kt
King	11/15/52	Enewetak	Airdrop	Weapons Related	500 kt
Kingfish	11/01/62	Johnston Island area	Rocket	Weapons Effects	Submegaton
Kinibito	12/05/85	NTS	Shaft	Joint US-UK	20 to 150 kt
Klickitat	02/20/64	NTS	Shaft	Plowshare	20 to 200 kt
Kloster	02/15/79	NTS	Shaft	Weapons Related	20 to 150 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Knickerbocker	05/26/67	NTS	Shaft	Weapons Related	76 kt
Knife A	09/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
Knife B	11/15/68	NTS	Shaft	Weapons Related	Less than 20 kt
Knife C	10/03/68	NTS	Shaft	Weapons Related	Less than 20 kt
Knox	02/21/68	NTS	Shaft	Weapons Related	20 to 200 kt
Koa	05/12/58	Enewetak	Surface	Weapons Related	1.37 Mt
Kohocton	08/23/63	NTS	Shaft	Weapons Related	Low
Koon	04/06/54	Bikini	Surface	Weapons Related	110 kt
Kootanai	04/24/63	NTS	Shaft	Weapons Related	Low
Kryddost	05/06/82	NTS	Shaft	Weapons Related	Less than 20 kt
Kyack-A	09/20/69	NTS	Shaft	Weapons Related	Less than 20 kt
Kyack-B	09/20/69	NTS	Shaft	Weapons Related	Less than 20 kt
Laban	08/03/83	NTS	Shaft	Weapons Related	Less than 20 kt
Labis	02/05/70	NTS	Shaft	Weapons Related	25 kt
Labquark	09/30/86	NTS	Shaft	Weapons Related	20 to 150 kt
Lacrosse	05/04/56	Enewetak	Surface	Weapons Related	40 kt
Lagoon	10/14/71	NTS	Shaft	Weapons Related	Less than 20 kt
Laguna	06/23/71	NTS	Shaft	Weapons Related	20 to 200 kt
Lampblack	01/18/66	NTS	Shaft	Weapons Related	20 to 200 kt
Lanpher	10/18/67	NTS	Shaft	Weapons Related	20 to 200 kt
Laplace	09/08/57	NTS	Balloon	Weapons Related	1 kt
Laredo	05/21/88	NTS	Shaft	Weapons Related	Less than 150 kt
Lassen	06/05/57	NTS	Balloon	Weapons Related	0.5 tons
Latir	02/27/74	NTS	Shaft	Weapons Related	20 to 200 kt
Lea	10/13/58	NTS	Balloon	Weapons Related	1.4 kt
Ledoux	09/27/90	NTS	Shaft	Weapons Related	Less than 20 kt
Lexington	08/24/67	NTS	Shaft	Weapons Related	Less than 20 kt
Leyden	11/26/75	NTS	Shaft	Weapons Related	Less than 20 kt
Lime	04/01/66	NTS	Shaft	Weapons Related	Less than 20 kt
Linden	06/18/58	Enewetak	Barge	Weapons Related	11 kt
Links	07/23/64	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Detonations -- By Name					
Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Liptauer	04/03/80	NTS	Shaft	Weapons Related	20 to 150 kt
Little Feller I	07/17/62	NTS	Surface	Weapons Effects	Low
Little Feller II	07/07/62	NTS	Surface	Weapons Effects	Low
Lockney	09/24/87	NTS	Shaft	Weapons Related	20 to 150 kt
Logan	10/16/58	NTS	Tunnel	Weapons Related	5 kt
Long Shot	10/29/65	Amchitka, Alaska	Shaft	Vela Uniform	About 80 kt
Longchamps	04/19/72	NTS	Shaft	Weapons Related	Less than 20 kt
Lovage	12/17/69	NTS	Shaft	Weapons Related	Less than 20 kt
Lowball	07/12/78	NTS	Shaft	Weapons Related	20 to 150 kt
Lubbock	10/18/91	NTS	Shaft	Weapons Related	20 to 150 kt
Luna	09/21/58	NTS	Shaft	Safety Experiment	1.5 tons
Mackerel	02/18/64	NTS	Shaft	Weapons Related	Less than 20 kt
Mad	12/13/61	NTS	Shaft	Weapons Related	500 tons
Madison	12/12/62	NTS	Tunnel	Weapons Related	Low
Magnolia	05/26/58	Enewetak	Barge	Weapons Related	57 kt
Mallet	01/31/68	NTS	Shaft	Weapons Related	Less than 20 kt
Manatee	12/14/62	NTS	Shaft	Weapons Related	Low
Manteca	12/10/82	NTS	Shaft	Weapons Related	20 to 150 kt
Manzanias	05/21/70	NTS	Shaft	Weapons Related	Less than 20 kt
Maple	06/10/58	Bikini	Barge	Weapons Related	213 kt
Maribo	06/26/85	NTS	Shaft	Weapons Related	Less than 20 kt
Mars	09/28/58	NTS	Tunnel	Safety Experiment	13 tons
Marsh	09/06/75	NTS	Shaft	Weapons Related	Less than 20 kt
Marshmallow	06/28/62	NTS	Tunnel	Weapons Effects	Low
Marsilly	04/05/77	NTS	Shaft	Weapons Related	20 to 150 kt
Marvel	09/21/67	NTS	Shaft	Plowshare	2.2 kt
Mast	06/19/75	NTS	Shaft	Weapons Related	200 to 1000 kt
Mataco	06/14/63	NTS	Shaft	Weapons Related	Low
Mauve	08/06/65	NTS	Shaft	Weapons Related	Less than 20 kt
Maxwell	01/13/66	NTS	Shaft	Weapons Related	Less than 20 kt
Mazama	10/29/58	NTS	Tower	Weapons Related	Zero

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Memory	03/14/79	NTS	Shaft	Weapons Related	Less than 20 kt
Mercury	09/23/58	NTS	Tunnel	Safety Experiment	Slight
Merida	06/07/72	NTS	Shaft	Weapons Related	Less than 20 kt
Merlin	02/16/65	NTS	Shaft	Weapons Related	10.1 kt
Merrimac	07/13/62	NTS	Shaft	Weapons Related	Intermediate
Mescalero	01/05/72	NTS	Shaft	Weapons Related	Less than 20 kt
Mesilla	05/09/62	Christmas Island area	Airdrop	Weapons Related	100 kt
Mesita	05/09/73	NTS	Shaft	Weapons Related	Less than 20 kt
Met	04/15/55	NTS	Tower	Weapons Effects	22 kt
Metropolis	03/10/90	NTS	Shaft	Weapons Related	20 to 150 kt
Mickey	05/10/67	NTS	Shaft	Weapons Related	20 to 200 kt
Midas Myth/Milagro	02/15/84	NTS	Tunnel	Weapons Effects	Less than 20 kt
Middle Note	03/18/87	NTS	Tunnel	Weapons Effects	Less than 20 kt
Midi Mist	06/26/67	NTS	Tunnel	Weapons Effects	Less than 20 kt
Midland	07/16/87	NTS	Shaft	Joint US-UK	20 to 150 kt
Miera	03/08/73	NTS	Shaft	Weapons Related	20 to 200 kt
Mighty Epic	05/12/76	NTS	Tunnel	Weapons Effects	Less than 20 kt
Mighty Oak	04/10/86	NTS	Tunnel	Weapons Effects	Less than 20 kt
Mike	10/31/52	Enewetak	Surface	Weapons Related	10.4 Mt
Milk Shake	03/25/68	NTS	Shaft	Weapons Effects	Less than 20 kt
Mill Yard	10/09/85	NTS	Tunnel	Weapons Effects	Less than 20 kt
Milrow	10/02/69	Amchitka, Alaska	Shaft	Weapons Related	About 1 Mt
Mineral Quarry	07/25/90	NTS	Tunnel	Weapons Effects	Less than 20 kt
Minero	12/20/84	NTS	Shaft	Weapons Related	Less than 20 kt
Miners Iron	10/31/80	NTS	Tunnel	Weapons Effects	Less than 20 kt
Ming Blade	06/19/74	NTS	Tunnel	Weapons Effects	Less than 20 kt
Ming Vase	11/20/68	NTS	Tunnel	Weapons Effects	Less than 20 kt
Mini Jade	05/26/83	NTS	Tunnel	Weapons Effects	Less than 20 kt
Miniata	07/08/71	NTS	Shaft	Plowshare	83 kt
Mink	10/29/61	NTS	Shaft	Weapons Related	Low
Minnow	05/15/64	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Mint Leaf	05/05/70	NTS	Tunnel	Weapons Effects	Less than 20 kt
Minute Steak	09/12/69	NTS	Shaft	Weapons Effects	Less than 20 kt
Mission Cyber	12/02/87	NTS	Tunnel	Weapons Effects	Less than 20 kt
Mission Ghost	06/20/87	NTS	Tunnel	Weapons Effects	Less than 20 kt
Mississippi	10/05/62	NTS	Shaft	Weapons Related	115 kt
Misty Echo	12/10/88	NTS	Tunnel	Weapons Effects	Less than 150 kt
Misty North	05/02/72	NTS	Tunnel	Weapons Effects	Less than 20 kt
Misty Rain	04/06/85	NTS	Tunnel	Weapons Effects	Less than 20 kt
Mizzen	06/03/75	NTS	Shaft	Weapons Related	20 to 200 kt
Moa	09/01/65	NTS	Shaft	Weapons Related	Less than 20 kt
Mogollon	04/20/86	NTS	Shaft	Weapons Related	Less than 20 kt
Mohawk	07/02/56	Enewetak	Tower	Weapons Related	360 kt
Molbo	02/12/82	NTS	Shaft	Weapons Related	20 to 150 kt
Monahans-A	11/09/88	NTS	Shaft	Weapons Related	Less than 20 kt
Monahans-B	11/09/88	NTS	Shaft	Weapons Related	Less than 20 kt
Monero	05/19/72	NTS	Shaft	Weapons Related	Less than 20 kt
Montello	04/16/91	NTS	Shaft	Weapons Related	20 to 150 kt
Monterey	07/29/82	NTS	Shaft	Weapons Related	20 to 150 kt
Mora	09/29/58	NTS	Balloon	Weapons Related	2 kt
Morgan	10/07/57	NTS	Balloon	Weapons Related	8 kt
Morrone	05/21/70	NTS	Shaft	Weapons Related	20 to 200 kt
Moth	02/22/55	NTS	Tower	Weapons Related	2 kt
Mudpack	12/16/64	NTS	Shaft	Weapons Effects	2.7 kt
Muenster	01/03/76	NTS	Shaft	Weapons Related	200 to 1000 kt
Muggins	12/09/83	NTS	Shaft	Weapons Related	Less than 20 kt
Muleshoe	11/15/89	NTS	Shaft	Weapons Related	Less than 20 kt
Mullet	10/17/63	NTS	Shaft	Safety Experiment	Low
Mundo	05/01/84	NTS	Shaft	Joint US-UK	20 to 150 kt
Muscovy	04/23/65	NTS	Shaft	Weapons Related	Less than 20 kt
Mushroom	03/03/67	NTS	Shaft	Weapons Related	Less than 20 kt
Muskegon	05/11/62	Christmas Island area	Airdrop	Weapons Related	50 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Mustang	11/15/63	NTS	Shaft	Weapons Related	Low
Nama-Amarylis	08/05/71	NTS	Shaft	Weapons Related	Less than 20 kt
Nama-Mephisto	08/05/71	NTS	Shaft	Weapons Related	Less than 20 kt
Nambe	05/27/62	Christmas Island area	Airdrop	Weapons Related	43 kt
Nancy	03/24/53	NTS	Tower	Weapons Related	24 kt
Narraguagus	09/27/63	NTS	Shaft	Weapons Related	Low
Nash	01/19/67	NTS	Shaft	Weapons Related	39 kt
Natches	08/23/63	NTS	Shaft	Weapons Related	Low
Natoma	04/05/73	NTS	Shaft	Weapons Related	Less than 20 kt
Navajo	07/10/56	Bikini	Barge	Weapons Related	4.5 Mt
Navata	09/29/83	NTS	Shaft	Safety Experiment	Less than 20 kt
Nebiolo	06/24/82	NTS	Shaft	Weapons Related	20 to 150 kt
Nectar	05/13/54	Enewetak	Barge	Weapons Related	1.69 Mt
Neptune	10/14/58	NTS	Tunnel	Safety Experiment	115 tons
Nessel	08/29/79	NTS	Shaft	Joint US-UK	20 to 150 kt
New Point	12/13/66	NTS	Shaft	Weapons Effects	Less than 20 kt
Newark	09/29/66	NTS	Shaft	Weapons Related	Less than 20 kt
Newton	09/16/57	NTS	Balloon	Weapons Related	12 kt
Nightingale	06/22/88	NTS	Shaft	Safety Experiment	Less than 150 kt
Nipper	02/04/69	NTS	Shaft	Weapons Related	Less than 20 kt
Niza	07/10/81	NTS	Shaft	Weapons Related	Less than 20 kt
Noggin	09/06/68	NTS	Shaft	Weapons Related	20 to 200 kt
Noor	04/10/68	NTS	Shaft	Weapons Related	20 to 200 kt
Norbo	03/08/80	NTS	Shaft	Weapons Related	Less than 20 kt
Normanna	07/12/84	NTS	Shaft	Weapons Related	Less than 20 kt
Numbat	12/12/62	NTS	Shaft	Weapons Related	Low
Nutmeg	05/21/58	Bikini	Barge	Weapons Related	25.1 kt
Oak	06/28/58	Enewetak	Barge	Weapons Related	8.9 Mt
Oakland	04/04/67	NTS	Shaft	Weapons Related	Less than 20 kt
Oarlock	02/16/77	NTS	Shaft	Weapons Related	Less than 20 kt
Obar	04/30/75	NTS	Shaft	Weapons Related	20 to 200 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Oberon	10/22/58	NTS	Tower	Safety Experiment	Zero
Ocate	03/30/72	NTS	Shaft	Weapons Related	Less than 20 kt
Ochre	04/29/66	NTS	Shaft	Safety Experiment	Less than 20 kt
Oconto	01/23/64	NTS	Shaft	Weapons Related	10.5 kt
Offshore	08/08/79	NTS	Shaft	Weapons Related	20 to 150 kt
Olive	07/22/58	Enewetak	Barge	Weapons Related	202 kt
Onaja	03/30/72	NTS	Shaft	Weapons Related	Less than 20 kt
Orange	08/12/58	Johnston Island area	Rocket	Weapons Effects	3.8 Mt
Organdy	06/11/65	NTS	Shaft	Weapons Related	Less than 20 kt
Orkney	05/02/84	NTS	Shaft	Weapons Related	Less than 20 kt
Osage	06/16/56	Enewetak	Airdrop	Weapons Related	1.7 kt
Oscuro	09/21/72	NTS	Shaft	Weapons Related	20 to 200 kt
Otero	09/12/58	NTS	Shaft	Safety Experiment	38 tons
Otowi	06/22/62	Christmas Island area	Airdrop	Weapons Related	81.5 kt
Owens	07/25/57	NTS	Balloon	Weapons Related	9.7 kt
Paca	05/07/62	NTS	Shaft	Weapons Related	Low
Packard	01/15/69	NTS	Shaft	Weapons Effects	10 kt
Packrat	06/06/62	NTS	Shaft	Weapons Related	Low
Paisano	04/24/63	NTS	Shaft	Weapons Related	Low
Pajara	12/12/73	NTS	Shaft	Weapons Related	Less than 20 kt
Palanquin	04/14/65	NTS	Crater	Plowshare	4.3 kt
Palisade-1	05/15/89	NTS	Shaft	Weapons Related	Less than 20 kt
Palisade-2	05/15/89	NTS	Shaft	Safety Experiment	Less than 20 kt
Palisade-3	05/15/89	NTS	Shaft	Safety Experiment	Less than 20 kt
Paliza	10/01/81	NTS	Shaft	Weapons Related	20 to 150 kt
Pamlico	07/11/62	Christmas Island area	Airdrop	Weapons Related	3.88 Mt
Pampas	03/01/62	NTS	Shaft	Joint US-UK	9.5 kt
Panamint	05/21/86	NTS	Shaft	Weapons Related	Less than 20 kt
Panchuela	06/30/87	NTS	Shaft	Weapons Related	Less than 20 kt
Panir	08/31/78	NTS	Shaft	Weapons Related	20 to 150 kt
Par	10/09/64	NTS	Shaft	Plowshare	38 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Parnassia	11/30/71	NTS	Shaft	Weapons Related	Less than 20 kt
Parrot	12/16/64	NTS	Shaft	Weapons Related	1.3 kt
Pascal-A	07/26/57	NTS	Shaft	Safety Experiment	Slight
Pascal-B	08/27/57	NTS	Shaft	Safety Experiment	Slight
Pascal-C	12/06/57	NTS	Shaft	Safety Experiment	Slight
Passaic	04/06/62	NTS	Shaft	Weapons Related	Low
Peba	09/20/62	NTS	Shaft	Weapons Related	Low
Pederal	09/29/71	NTS	Shaft	Weapons Related	Less than 20 kt
Pekan	08/12/63	NTS	Shaft	Weapons Related	Low
Penasco	11/19/70	NTS	Shaft	Weapons Related	Less than 20 kt
Pepato	06/11/79	NTS	Shaft	Weapons Related	20 to 150 kt
Pera	09/08/79	NTS	Shaft	Weapons Related	Less than 20 kt
Persimmon	02/23/67	NTS	Shaft	Weapons Related	Less than 20 kt
Petit	06/19/62	Christmas Island area	Airdrop	Weapons Related	2.2 kt
Petrel	06/11/65	NTS	Shaft	Weapons Related	1.3 kt
Piccalilli	11/21/69	NTS	Shaft	Weapons Related	20 to 200 kt
Pike	03/13/64	NTS	Shaft	Weapons Related	Less than 20 kt
Pile Driver	06/02/66	NTS	Tunnel	Weapons Effects	62 kt
Pin Stripe	04/25/66	NTS	Shaft	Weapons Effects	Less than 20 kt
Pine	07/26/58	Enewetak	Barge	Weapons Related	2 Mt
Pineau	07/16/81	NTS	Shaft	Weapons Related	Less than 20 kt
Pinedrops-Bayou	01/10/74	NTS	Shaft	Weapons Related	Less than 20 kt
Pinedrops-Sloat	01/10/74	NTS	Shaft	Weapons Related	Less than 20 kt
Pinedrops-Tawny	01/10/74	NTS	Shaft	Weapons Related	Less than 20 kt
Pipefish	04/29/64	NTS	Shaft	Weapons Related	Less than 20 kt
Pipkin	10/08/69	NTS	Shaft	Weapons Related	200 to 1000 kt
Piranha	05/13/66	NTS	Shaft	Weapons Related	20 to 200 kt
Pisonia	07/17/58	Enewetak	Barge	Weapons Related	255 kt
Piton-A	05/28/70	NTS	Shaft	Weapons Related	Less than 20 kt
Piton-B	05/28/70	NTS	Shaft	Weapons Related	Less than 20 kt
Piton-C	05/28/70	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Plaid II	02/03/66	NTS	Shaft	Weapons Related	Less than 20 kt
Planer	11/21/69	NTS	Shaft	Weapons Related	Less than 20 kt
Plate	04/14/62	NTS	Tunnel	Weapons Related	1.85 kt
Platypus	02/24/62	NTS	Shaft	Weapons Related	Low
Player	08/27/64	NTS	Shaft	Safety Experiment	Less than 20 kt
Pleasant	05/29/63	NTS	Shaft	Weapons Related	Low
Pliers	08/27/69	NTS	Shaft	Weapons Related	Less than 20 kt
Plomo	05/01/74	NTS	Shaft	Weapons Related	Less than 20 kt
Pod-A	10/29/69	NTS	Shaft	Weapons Related	16.7 kt (total)
Pod-B	10/29/69	NTS	Shaft	Weapons Related	16.7 kt (total)
Pod-C	10/29/69	NTS	Shaft	Weapons Related	16.7 kt (total)
Pod-D	10/29/69	NTS	Shaft	Weapons Related	16.7 kt (total)
Polka	12/06/67	NTS	Shaft	Weapons Related	Less than 20 kt
Polygonum	10/02/73	NTS	Shaft	Weapons Related	Less than 20 kt
Pommard	03/14/68	NTS	Shaft	Weapons Related	1.5 kt
Pongee	07/22/65	NTS	Shaft	Weapons Related	Less than 20 kt
Ponil	09/27/85	NTS	Shaft	Weapons Related	Less than 20 kt
Pool	03/17/76	NTS	Shaft	Weapons Related	200 to 500 kt
Poplar	07/12/58	Bikini	Barge	Weapons Related	9.3 Mt
Portmanteau	08/30/74	NTS	Shaft	Weapons Related	20 to 200 kt
Portola	02/06/75	NTS	Shaft	Weapons Related	Less than 20 kt
Portola-Larkin	02/06/75	NTS	Shaft	Weapons Related	Less than 20 kt
Portrero	04/23/74	NTS	Shaft	Weapons Related	Less than 20 kt
Portulaca	06/28/73	NTS	Shaft	Weapons Related	20 to 200 kt
Post	04/09/55	NTS	Tower	Weapons Related	2 kt
Potrillo	06/21/73	NTS	Shaft	Weapons Related	20 to 200 kt
Pratt	09/25/74	NTS	Shaft	Weapons Related	Less than 20 kt
Presidio	04/22/87	NTS	Shaft	Weapons Related	Less than 20 kt
Priscilla	06/24/57	NTS	Balloon	Weapons Related	37 kt
Project 56 No. 1	11/01/55	NTS	Surface	Safety Experiment	Zero
Project 56 No. 2	11/03/55	NTS	Surface	Safety Experiment	Zero

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Project 56 No. 3	11/05/55	NTS	Surface	Safety Experiment	No yield
Project 56 No. 4	01/18/56	NTS	Surface	Safety Experiment	Very slight
Project 57 No. 1	04/24/57	NAFR	Surface	Safety Experiment	Zero
Puce	06/10/66	NTS	Shaft	Weapons Related	Less than 20 kt
Puddle	11/26/74	NTS	Shaft	Safety Experiment	Less than 20 kt
Purple	03/18/66	NTS	Shaft	Weapons Related	Less than 20 kt
Purse	05/07/69	NTS	Shaft	Weapons Related	20 to 200 kt
Puye	08/14/74	NTS	Shaft	Weapons Related	Less than 20 kt
Pyramid	04/16/80	NTS	Shaft	Weapons Related	20 to 150 kt
Quargel	11/18/78	NTS	Shaft	Joint US-UK	20 to 150 kt
Quay	10/10/58	NTS	Tower	Weapons Related	79 tons
Queso	08/11/82	NTS	Shaft	Weapons Related	Less than 20 kt
Questa	05/04/62	Christmas Island area	Airdrop	Weapons Related	670 kt
Quince	08/06/58	Enewetak	Surface	Weapons Related	Zero
Quinella	02/08/79	NTS	Shaft	Weapons Related	20 to 150 kt
Raccoon	06/01/62	NTS	Shaft	Weapons Related	Low
Rack	08/15/68	NTS	Shaft	Weapons Related	Less than 20 kt
Rainier	09/19/57	NTS	Tunnel	Weapons Related	1.7 kt
Randsburg	07/25/90	NTS	Tunnel	Weapons Related	Less than 20 kt
Ranitan	09/06/62	NTS	Shaft	Weapons Related	Low
Ray	04/11/53	NTS	Tower	Weapons Related	200 tons
Reblochon	02/23/78	NTS	Shaft	Weapons Related	20 to 150 kt
Red Hot	03/05/66	NTS	Tunnel	Weapons Effects	Less than 20 kt
Redmud	12/08/76	NTS	Shaft	Weapons Related	Less than 20 kt
Redwood	06/27/58	Bikini	Barge	Weapons Related	412 kt
Reo	01/22/66	NTS	Shaft	Weapons Related	Less than 20 kt
Rex	02/24/66	NTS	Shaft	Weapons Related	19 kt
Rhyolite	06/22/88	NTS	Shaft	Weapons Related	Less than 150 kt
Rib	12/14/77	NTS	Shaft	Weapons Related	Less than 20 kt
Rickey	06/15/68	NTS	Shaft	Weapons Related	20 to 200 kt
Rinconada	06/15/62	Christmas Island area	Airdrop	Weapons Related	800 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Ringtail	12/17/61	NTS	Shaft	Weapons Related	Low
Rio Arriba	10/18/58	NTS	Tower	Weapons Related	90 tons
Rio Blanco-1	05/17/73	Rifle, Colorado	Shaft	Plowshare	33 kt
Rio Blanco-2	05/17/73	Rifle, Colorado	Shaft	Plowshare	33 kt
Rio Blanco-3	05/17/73	Rifle, Colorado	Shaft	Plowshare	33 kt
Riola	09/25/80	NTS	Shaft	Weapons Related	1.07 kt
Rivet I	01/18/67	NTS	Shaft	Weapons Related	Less than 20 kt
Rivet II	01/26/67	NTS	Shaft	Weapons Related	Less than 20 kt
Rivet III	03/02/67	NTS	Shaft	Weapons Related	Less than 20 kt
Rivoli	05/20/76	NTS	Shaft	Weapons Related	Less than 20 kt
Roanoke	10/12/62	NTS	Shaft	Weapons Related	Low
Romano	12/16/83	NTS	Shaft	Weapons Related	20 to 150 kt
Romeo	03/26/54	Bikini	Barge	Weapons Related	11 Mt
Roquefort	10/16/85	NTS	Shaft	Weapons Related	20 to 150 kt
Rose	06/02/58	Enewetak	Barge	Weapons Related	15 kt
Rousanne	11/12/81	NTS	Shaft	Joint US-UK	20 to 150 kt
Rovena	08/10/66	NTS	Shaft	Weapons Related	Less than 20 kt
Rudder	12/28/76	NTS	Shaft	Weapons Related	20 to 150 kt
Rulison	09/10/69	Grand Valley, Colorado	Shaft	Plowshare	40 kt
Rummy	09/27/78	NTS	Shaft	Weapons Related	20 to 150 kt
Rushmore	10/22/58	NTS	Balloon	Weapons Related	188 tons
Russet	03/05/68	NTS	Shaft	Weapons Related	Less than 20 kt
Ruth	03/31/53	NTS	Tower	Weapons Related	200 tons
Sabado	08/11/83	NTS	Shaft	Weapons Related	Less than 20 kt
Sacramento	06/30/62	NTS	Shaft	Weapons Related	Low
Salmon	10/22/64	Hattiesburg, Mississippi	Shaft	Vela Uniform	5.3 kt
Salut	06/12/85	NTS	Shaft	Weapons Related	20 to 150 kt
San Juan	10/20/58	NTS	Shaft	Safety Experiment	Zero
Sandreef	11/09/77	NTS	Shaft	Weapons Related	20 to 150 kt
Sanford	10/26/58	NTS	Balloon	Weapons Related	4.9 kt
Santa Fe	10/30/58	NTS	Balloon	Weapons Related	1.3 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Santee	10/27/62	NTS	Shaft	Weapons Related	Low
Sapello	04/12/74	NTS	Shaft	Weapons Related	Less than 20 kt
Sappho	03/23/72	NTS	Shaft	Weapons Related	Less than 20 kt
Sardine	12/04/63	NTS	Shaft	Weapons Related	Low
Satsop	08/15/63	NTS	Shaft	Weapons Related	Low
Saturn	08/10/57	NTS	Tunnel	Safety Experiment	Zero
Satz	07/07/78	NTS	Shaft	Weapons Related	Less than 20 kt
Saxon	07/28/66	NTS	Shaft	Plowshare	Less than 20 kt
Sazerac	10/25/67	NTS	Shaft	Weapons Related	Less than 20 kt
Scaevola	07/14/58	Enewetak	Barge	Safety Experiment	Zero
Scantling	08/19/77	NTS	Shaft	Weapons Related	20 to 150 kt
Scaup	05/14/65	NTS	Shaft	Weapons Related	Less than 20 kt
Schellbourne	05/13/88	NTS	Shaft	Weapons Related	Less than 150 kt
Schooner	12/08/68	NTS	Crater	Plowshare	30 kt
Scissors	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
Scotch	05/23/67	NTS	Shaft	Weapons Related	155 kt
Screamer	09/01/65	NTS	Shaft	Weapons Effects	Less than 20 kt
Scree-Acajou	10/13/70	NTS	Shaft	Weapons Related	Less than 20 kt
Scree-Alhambra	10/13/70	NTS	Shaft	Weapons Related	Less than 20 kt
Scree-Chamois	10/13/70	NTS	Shaft	Weapons Related	Less than 20 kt
Scroll	04/23/68	NTS	Shaft	Safety Experiment	Less than 20 kt
Scupper	08/19/77	NTS	Shaft	Vela Uniform	Less than 20 kt
Scuttle	11/13/69	NTS	Shaft	Weapons Related	Less than 20 kt
Seafoam	12/13/73	NTS	Shaft	Weapons Related	1.7 kt
Seamount	11/17/77	NTS	Shaft	Weapons Related	Less than 20 kt
Seaweed B	10/16/69	NTS	Shaft	Weapons Related	Less than 20 kt
Seaweed-C	10/01/69	NTS	Shaft	Safety Experiment	Less than 20 kt
Seaweed-D	10/01/69	NTS	Shaft	Safety Experiment	Less than 20 kt
Seaweed-E	10/01/69	NTS	Shaft	Safety Experiment	Less than 20 kt
Seco	02/25/81	NTS	Shaft	Safety Experiment	Less than 20 kt
Sedan	07/06/62	NTS	Crater	Weapons Related	Less than 20 kt
				Plowshare	104 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Seersucker	02/19/65	NTS	Shaft	Weapons Related	Less than 20 kt
Seminole	06/06/56	Enewetak	Surface	Weapons Related	13.7 kt
Sepia	11/12/65	NTS	Shaft	Weapons Related	Less than 20 kt
Sequoia	07/01/58	Enewetak	Barge	Weapons Related	5.2 kt
Serena	07/25/85	NTS	Shaft	Weapons Related	20 to 150 kt
Serpa	12/17/80	NTS	Shaft	Joint US-UK	20 to 150 kt
Sevilla	06/25/68	NTS	Shaft	Weapons Related	Less than 20 kt
Seyval	11/12/82	NTS	Shaft	Weapons Related	Less than 20 kt
Shallows	02/26/76	NTS	Shaft	Weapons Related	Less than 20 kt
Shaper	03/23/70	NTS	Shaft	Weapons Related	20 to 200 kt
Shasta	08/18/57	NTS	Tower	Weapons Related	17 kt
Shave	01/22/69	NTS	Shaft	Weapons Related	Less than 20 kt
Sheepshead	09/26/79	NTS	Shaft	Weapons Related	20 to 150 kt
Shoal	10/26/63	Fallon, Nevada	Shaft	Vela Uniform	12 kt
Shrew	09/16/61	NTS	Shaft	Weapons Related	Low
Shuffle	04/18/68	NTS	Shaft	Weapons Related	20 to 200 kt
Sidcar	12/13/66	NTS	Shaft	Weapons Related	Less than 20 kt
Sienna	01/18/66	NTS	Shaft	Weapons Related	Less than 20 kt
Silene	06/28/73	NTS	Shaft	Weapons Related	Less than 20 kt
Simms	11/05/66	NTS	Shaft	Plowshare	Less than 20 kt
Simon	04/25/53	NTS	Tower	Weapons Related	43 kt
Sled	08/29/68	NTS	Shaft	Weapons Related	20 to 200 kt
Small Boy	07/14/62	NTS	Tower	Weapons Effects	Low
Smoky	08/31/57	NTS	Tower	Weapons Related	44 kt
Snubber	04/21/70	NTS	Shaft	Weapons Effects	12.7 kt
Socorro	10/22/58	NTS	Balloon	Weapons Related	6 kt
Solano	08/09/72	NTS	Shaft	Safety Experiment	Less than 20 kt
Solanum	12/14/72	NTS	Shaft	Weapons Related	Less than 20 kt
Solondon	02/12/64	NTS	Shaft	Weapons Related	Less than 20 kt
Spar	12/19/73	NTS	Shaft	Safety Experiment	Less than 20 kt
Spider-A	08/14/69	NTS	Shaft	Weapons Related	Less than 20 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Spider-B	08/14/69	NTS	Shaft	Weapons Related	Less than 20 kt
Spoon	09/11/64	NTS	Shaft	Weapons Related	Less than 20 kt
Sprit	11/10/76	NTS	Shaft	Weapons Related	Less than 20 kt
Spud	07/17/68	NTS	Shaft	Weapons Related	Less than 20 kt
St. Lawrence	11/09/62	NTS	Shaft	Weapons Related	Low
Staccato	01/19/68	NTS	Shaft	Weapons Related	20 to 200 kt
Stanley	07/27/67	NTS	Shaft	Weapons Related	20 to 200 kt
Stanyan	09/26/74	NTS	Shaft	Weapons Related	20 to 200 kt
Starfish Prime	07/09/62	Johnston Island area	Rocket	Weapons Effects	1.4 Mt
Starwort	04/26/73	NTS	Shaft	Weapons Related	90 kt
Sterling	12/03/66	Hattiesburg, Mississippi	Shaft	Vela Uniform	380 tons
Stillwater	02/08/62	NTS	Shaft	Weapons Related	3.07 kt
Stilt	12/15/67	NTS	Shaft	Weapons Related	Less than 20 kt
Stilton	06/03/75	NTS	Shaft	Weapons Related	20 to 200 kt
Singer	03/22/68	NTS	Shaft	Weapons Related	20 to 200 kt
Stoat	01/09/62	NTS	Shaft	Weapons Related	5.1 kt
Stoddard	09/17/68	NTS	Shaft	Plowshare	20 to 200 kt
Stokes	08/07/57	NTS	Balloon	Weapons Related	19 kt
Stones	05/22/63	NTS	Shaft	Weapons Related	Intermediate
Strait	03/17/76	NTS	Shaft	Weapons Related	200 to 500 kt
Strake	08/04/77	NTS	Shaft	Weapons Related	20 to 150 kt
Sturgeon	04/15/64	NTS	Shaft	Weapons Related	Less than 20 kt
Stutz	04/06/66	NTS	Shaft	Weapons Related	Less than 20 kt
Suede	03/20/65	NTS	Shaft	Weapons Related	Less than 20 kt
Sugar	11/19/51	NTS	Surface	Weapons Effects	1.2 kt
Sulky	12/18/64	NTS	Shaft	Plowshare	92 tons
Sundown-A	09/20/90	NTS	Shaft	Safety Experiment	Less than 20 kt
Sundown-B	09/20/90	NTS	Shaft	Safety Experiment	Less than 20 kt
Sunset	07/10/62	Christmas Island area	Airdrop	Weapons Related	1 Mt
Sutter	12/21/76	NTS	Shaft	Weapons Related	Less than 20 kt
Swanee	05/14/62	Christmas Island area	Airdrop	Weapons Related	97 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Switch	06/22/67	NTS	Shaft	Plowshare	Less than 20 kt
Swordfish	05/11/62	Pacific	Underwater	Weapons Effects	Low
Sycamore	05/31/58	Bikini	Barge	Weapons Related	92 kt
Tafi	07/25/80	NTS	Shaft	Weapons Related	20 to 150 kt
Tahoka	08/13/87	NTS	Shaft	Weapons Related	20 to 150 kt
Tajique	06/28/72	NTS	Shaft	Weapons Related	Less than 20 kt
Tajo	06/05/86	NTS	Shaft	Weapons Related	20 to 150 kt
Tamalpais	10/08/58	NTS	Tunnel	Weapons Related	72 tons
Tan	06/03/66	NTS	Shaft	Weapons Related	20 to 200 kt
Tanana	05/25/62	Christmas Island area	Airdrop	Weapons Related	2.6 kt
Tangerine	08/12/66	NTS	Shaft	Safety Experiment	Less than 20 kt
Tanya	07/30/68	NTS	Shaft	Weapons Related	20 to 200 kt
Tapestry	05/12/66	NTS	Shaft	Weapons Related	Less than 20 kt
Tapper	06/12/69	NTS	Shaft	Weapons Related	Less than 20 kt
Tarko	02/28/80	NTS	Shaft	Weapons Related	Less than 20 kt
Taunton	12/04/62	NTS	Shaft	Weapons Related	Low
Teak	08/01/58	Johnston Island area	Rocket	Weapons Effects	3.8 Mt
Techado	09/22/83	NTS	Shaft	Weapons Related	Less than 150 kt
Tee	05/07/65	NTS	Shaft	Weapons Effects	7 kt
Tejon	05/17/63	NTS	Shaft	Safety Experiment	Low
Teleme	02/06/75	NTS	Shaft	Weapons Related	Less than 20 kt
Temescal	11/02/74	NTS	Shaft	Weapons Related	Less than 20 kt
Templar	03/24/66	NTS	Shaft	Plowshare	Less than 20 kt
Tenabo	10/12/90	NTS	Shaft	Weapons Related	20 to 150 kt
Tenaja	04/17/82	NTS	Shaft	Weapons Related	Less than 20 kt
Tendrac	12/07/62	NTS	Shaft	Joint US-UK	Low
Tern	01/29/65	NTS	Shaft	Weapons Related	Less than 20 kt
Terrine-White	12/18/69	NTS	Shaft	Weapons Related	20 to 200 kt
Terrine-Yellow	12/18/69	NTS	Shaft	Weapons Related	20 to 200 kt
Tesla	03/01/55	NTS	Tower	Weapons Related	7 kt
Tewa	07/20/56	Bikini	Barge	Weapons Related	5 Mt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Texarkana	02/10/89	NTS	Shaft	Weapons Related	20 to 150 kt
Thistle	04/30/69	NTS	Shaft	Weapons Related	20 to 200 kt
Throw	04/10/68	NTS	Shaft	Weapons Related	Less than 20 kt
Ticking	08/21/65	NTS	Shaft	Weapons Related	Less than 20 kt
Tierra	12/15/84	NTS	Shaft	Weapons Related	20 to 150 kt
Tightrope	11/04/62	Johnston Island area	Rocket	Weapons Effects	Low
Tijeras	10/14/70	NTS	Shaft	Weapons Related	20 to 200 kt
Tilci	11/11/81	NTS	Shaft	Weapons Related	20 to 150 kt
Tinderbox	11/22/68	NTS	Shaft	Weapons Related	Less than 20 kt
Tiny Tot	06/17/65	NTS	Tunnel	Weapons Effects	Less than 20 kt
Tioga	10/18/62	NTS	Shaft	Weapons Related	Low
Titania	10/30/58	NTS	Tower	Safety Experiment	0.2 tons
Tobacco	05/30/58	Enewetak	Barge	Weapons Related	11.6 kt
Tomato	04/07/66	NTS	Shaft	Weapons Related	Less than 20 kt
Tomme/Midnight Zephyr	09/21/83	NTS	Tunnel	Weapons Effects	Less than 20 kt
Topgallant	02/28/75	NTS	Shaft	Weapons Related	20 to 200 kt
Topmast	03/23/78	NTS	Shaft	Weapons Related	Less than 20 kt
Torch	02/21/68	NTS	Shaft	Weapons Related	Less than 20 kt
Tornero	02/11/87	NTS	Shaft	Weapons Related	Less than 20 kt
Tornillo	10/11/63	NTS	Shaft	Plowshare	Low
Torrado	05/27/69	NTS	Shaft	Weapons Related	20 to 200 kt
Tortugas	03/01/84	NTS	Shaft	Weapons Related	20 to 150 kt
Towanda	05/02/85	NTS	Shaft	Weapons Related	20 to 150 kt
Toyah	03/15/63	NTS	Shaft	Weapons Related	Low
Transom	05/10/78	NTS	Shaft	Weapons Related	Zero
Traveler	05/04/66	NTS	Shaft	Weapons Related	Less than 20 kt
Trebbiano	09/04/81	NTS	Shaft	Weapons Related	Less than 20 kt
Trinity	07/16/45	Alamogordo, New Mexico	Tower	Weapons Related	21 kt
Trogon	07/24/64	NTS	Shaft	Weapons Related	Less than 20 kt
Truchas-Chacon	10/28/70	NTS	Shaft	Safety Experiment	Less than 20 kt
Truchas-Chamisal	10/28/70	NTS	Shaft	Safety Experiment	Less than 20 kt

United States Nuclear Detonations -- By Name					
Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Truchas-Rodarte	10/28/70	NTS	Shaft	Weapons Related	Less than 20 kt
Truckee	06/09/62	Christmas Island area	Airdrop	Weapons Related	210 kt
Trumbull	09/26/74	NTS	Shaft	Weapons Related	Less than 20 kt
Tub-A	06/06/68	NTS	Shaft	Weapons Related	Less than 20 kt
Tub-B	06/06/68	NTS	Shaft	Weapons Related	Less than 20 kt
Tub-C	06/06/68	NTS	Shaft	Weapons Related	Less than 20 kt
Tub-D	06/06/68	NTS	Shaft	Weapons Related	Less than 20 kt
Tub-F	06/06/68	NTS	Shaft	Weapons Related	Less than 20 kt
Tulia	05/26/89	NTS	Shaft	Weapons Related	Less than 20 kt
Tuloso	12/12/72	NTS	Shaft	Weapons Related	Less than 20 kt
Tun-A	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
Tun-B	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
Tun-C	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
Tun-D	12/10/69	NTS	Shaft	Weapons Related	Less than 20 kt
Tuna	12/20/63	NTS	Shaft	Weapons Related	Low
Turf	04/24/64	NTS	Shaft	Weapons Related	20 to 200 kt
Turk	03/07/55	NTS	Tower	Weapons Related	43 kt
Turnstone	10/16/64	NTS	Shaft	Weapons Related	Less than 20 kt
Turquoise	04/14/83	NTS	Shaft	Weapons Related	Less than 150 kt
Tweed	05/21/65	NTS	Shaft	Weapons Related	Less than 20 kt
Tybo	05/14/75	NTS	Shaft	Weapons Related	200 to 1000 kt
Tyg-A	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
Tyg-B	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
Tyg-C	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
Tyg-D	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
Tyg-E	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
Tyg-F	12/12/68	NTS	Shaft	Weapons Related	Less than 20 kt
Umbrell	06/29/67	NTS	Shaft	Weapons Effects	10 kt
Umbrella	06/08/58	Enewetak	Underwater	Weapons Effects	8 kt
Uncle	11/29/51	NTS	Crater	Weapons Effects	1.2 kt
Union	04/25/54	Bikini	Barge	Weapons Related	6.9 Mt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Uranus	03/14/58	NTS	Tunnel	Safety Experiment	Less than 1 ton
Valencia	09/26/58	NTS	Shaft	Safety Experiment	2 tons
Valise	03/18/69	NTS	Shaft	Safety Experiment	Less than 20 kt
Vat	10/10/68	NTS	Shaft	Weapons Related	Less than 20 kt
Vaughn	03/15/85	NTS	Shaft	Weapons Related	20 to 150 kt
Velarde	04/25/73	NTS	Shaft	Weapons Related	Less than 20 kt
Venus	02/22/58	NTS	Tunnel	Safety Experiment	Less than 1 ton
Verdello	07/31/80	NTS	Shaft	Weapons Related	Less than 20 kt
Vermejo	10/02/84	NTS	Shaft	Weapons Related	Less than 20 kt
Vesta	10/17/58	NTS	Surface	Safety Experiment	24 tons
Victoria	06/19/92	NTS	Shaft	Weapons Related	Less than 20 kt
Vide	04/30/81	NTS	Shaft	Weapons Related	Less than 20 kt
Vigil	11/22/66	NTS	Shaft	Safety Experiment	Less than 20 kt
Ville	06/12/85	NTS	Shaft	Weapons Related	Less than 20 kt
Villita	11/10/84	NTS	Shaft	Weapons Related	Less than 20 kt
Vise	01/30/69	NTS	Shaft	Weapons Related	20 to 200 kt
Vito	07/14/67	NTS	Shaft	Safety Experiment	Less than 20 kt
Vulcan	06/25/66	NTS	Shaft	Plowshare	25 kt
Waco	12/01/87	NTS	Shaft	Weapons Related	Less than 20 kt
Wagtail	03/03/65	NTS	Shaft	Weapons Related	20 to 200 kt
Wahoo	05/16/58	Enewetak	Underwater	Weapons Effects	9 kt
Waller	10/02/73	NTS	Shaft	Weapons Related	Less than 20 kt
Walnut	06/14/58	Enewetak	Barge	Weapons Related	1.45 Mt
Ward	02/08/67	NTS	Shaft	Weapons Related	Less than 20 kt
Washer	08/10/67	NTS	Shaft	Weapons Related	Less than 20 kt
Wasp	02/18/55	NTS	Airdrop	Weapons Effects	1 kt
Wasp Prime	03/29/55	NTS	Airdrop	Weapons Related	3 kt
Weider	10/03/68	NTS	Shaft	Safety Experiment	Less than 20 kt
Wembley	06/05/68	NTS	Shaft	Weapons Related	Less than 20 kt
Wexford	08/30/84	NTS	Shaft	Weapons Related	Less than 20 kt
Wheeler	09/06/57	NTS	Balloon	Weapons Related	197 tons

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
White	05/25/62	NTS	Shaft	Weapons Related	Low
Whiteface-A	12/20/89	NTS	Shaft	Safety Experiment	Less than 20 kt
Whiteface-B	12/20/89	NTS	Shaft	Safety Experiment	Less than 20 kt
Whitney	09/23/57	NTS	Tower	Weapons Related	19 kt
Wichita	07/27/62	NTS	Shaft	Weapons Related	Low
Wigwam	05/14/55	Pacific	Underwater	Weapons Effects	30 kt
Wilson	06/18/57	NTS	Balloon	Weapons Related	10 kt
Winch	02/04/69	NTS	Shaft	Weapons Related	Less than 20 kt
Wineskin	01/15/69	NTS	Shaft	Weapons Related	20 to 200 kt
Wishbone	02/18/65	NTS	Shaft	Weapons Effects	Less than 20 kt
Wolverine	10/12/62	NTS	Shaft	Weapons Related	Low
Wool	01/14/65	NTS	Shaft	Weapons Related	Less than 20 kt
Worth	10/25/67	NTS	Shaft	Weapons Related	Less than 20 kt
Wrangell	10/22/58	NTS	Balloon	Weapons Related	115 tons
X-ray	04/14/48	Enewetak	Tower	Weapons Related	37 kt
Yankee	05/04/54	Bikini	Barge	Weapons Related	13.5 Mt
Yannigan-Blue	02/26/70	NTS	Shaft	Weapons Related	20 to 200 kt
Yannigan-Red	02/26/70	NTS	Shaft	Weapons Related	20 to 200 kt
Yannigan-White	02/26/70	NTS	Shaft	Weapons Related	20 to 200 kt
Yard	09/07/67	NTS	Shaft	Weapons Related	20 to 200 kt
Yellowwood	05/26/58	Enewetak	Barge	Weapons Related	330 kt
Yerba	12/14/71	NTS	Shaft	Weapons Related	Less than 20 kt
Yeso	06/10/62	Christmas Island area	Airdrop	Weapons Related	3 Mt
Yoke	04/30/48	Enewetak	Tower	Weapons Related	49 kt
York	08/24/62	NTS	Shaft	Weapons Related	Low
Yuba	06/05/63	NTS	Tunnel	Weapons Related	3.1 kt
Yucca	04/28/58	Pacific	Balloon	Weapons Effects	1.7 kt
Yukon	05/08/62	Christmas Island area	Airdrop	Weapons Related	100 kt
Yuma	05/27/56	Enewetak	Tower	Weapons Related	190 tons
Zaza	09/27/67	NTS	Shaft	Weapons Related	20 to 200 kt
Zebra	05/14/48	Enewetak	Tower	Weapons Related	18 kt

United States Nuclear Detonations -- By Name

Detonation Name	Date (GCT)	Location	Type	Purpose	Yield Range
Zinnia	05/17/72	NTS	Shaft	Weapons Related	Less than 20 kt
Zucchini	05/15/55	NTS	Tower	Weapons Related	28 kt
Zuni	05/27/56	Bikini	Surface	Weapons Related	3.5 Mt